

20000428.qrp v01_n805.qrl.20000428

Date: Fri, 28 Apr 2000 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1805

QRP-L Digest 1805

Topics covered in this issue include:

- 1) [68827] Re: knife switches
by Tom Bessler <tbessler@OregonVOS.net>
- 2) [68828] SF:dk9sq mast & loop
by scott howell <n3byy@speakeasy.org>
- 3) [68829] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by "Paul Harden, NA5N" <na5n@rt66.com>
- 4) [68830] CQ W1RFI de WB3AAL
by "Ron Polityka" <wb3aal@talon.net>
- 5) [68831] KK6MC/5 QRPTTF
by "James R. Duffey" <jamesd1@flash.net>
- 6) [68832] Need QRPTTF info
by N10DL@aol.com
- 7) [68833] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by "Doug Hendricks" <ki6ds@hotmail.com>
- 8) [68834] Re: OT - Computer help
by Joe Reed <joe@n9jr.dyndns.org>
- 9) [68835] OPERATING: QRP-TTF on the USS Kidd
by n5ib@juno.com
- 10) [68836] SMK-1
by Wayne <walexan@ipa.net>
- 11) [68837] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by Dick Carroll <dixie@townsqsr.com>
- 12) [68838] SMK-1 case
by "Ron Giuntini" <rong@slip.net>
- 13) [68839] ARCI Contest Web Pages
by Randy Foltz <rfoltz@turbonet.com>
- 14) [68840] Dummy load: use of salt solution
by "Mike Mullins" <mmullins@mastnet.net>
- 15) [68841] Re: OPERATING: QRP-TTF on the USS Kidd
by "Nick Yokanovich" <k3ny@toad.net>
- 16) [68842] Fw: Dummy Load
by Bill Ross <k6mgo@juno.com>
- 17) [68843] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by Bruce Rattray <rattray@gpfn.sk.ca>
- 18) [68844] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by Bruce Rattray <rattray@gpfn.sk.ca>
- 19) [68845] OPERATING: on the USS BATFISH WWII SUB

- by "ke5tc" <ke5tc@crosstel.net>
- 20) [68846] SMK-1 #35 FB
by Lee Hopper <leehop@uswest.net>
- 21) [68847] A question on a cap value- help!
by Patrick Franzis <old_radios@yahoo.com>
- 22) [68848] Re: old callsign
by Gary Harrison <k0bc@ipa.net>
- 23) [68849] RE: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 24) [68850] Re: Transistor Substitution
by gsurrency@juno.com
- 25) [68851] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
by Jeff <fantbb@yahoo.com>
- 26) [68852] Getting ready for QRP TTF
by RangerSF5@aol.com
- 27) [68853] Re: Dummy load: use of salt solution
by Stewart Bryant <stewart.bryant@virgin.net>
- 28) [68854] Appalachian Trail & QRPTTF
by David M Kopacki <kf2ew@juno.com>
- 29) [68855] Re: Based-Loaded Vertical Theory Questions (semi-long)
by "Pastor-kc1di" <ELBC@PIVOT.NET>
- 30) [68856] Sound card help
by "William K. Harding" <k4ahk@ix.netcom.com>
- 31) [68857] Re: Sound card help
by "Leon Heller" <leon_heller@hotmail.com>
- 32) [68858] Re: Sound card help
by "John J. McDonough" <wb8rcr@arrl.net>
- 33) [68859] Appalachian Trail & QRPTTF
by John AE5X <ae5x@juno.com>
- 34) [68860] QRPTTF
by "David Hurley,n2zhy" <n2zhy@amsat.org>
- 35) [68861] My SMK-1 Soldering Iron
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 36) [68862] Re: My SMK-1 Soldering Iron
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 37) [68863] Operating from St. Simons Island, GA for Norcal "To The Water" Event this weekend
by Sam Billingsley <SBillingsley@usaninc.com>
- 38) [68864] RE: A question on a cap value- help!
by "AI2Q Alex" <ai2q@ispchannel.com>
- 39) [68865] QRPTTF op W7TA0
by Bruce Grubbs N7CEE <n7ceeqrp@earthlink.net>
- 40) [68866] MI QRP NET
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 41) [68867] Re: A question on a cap value- help!
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [68868] SMK-1 -- That glow you see on the eastern horizon...

- by "Steve Hudson" <steve.hudson@cmdg.com>
- 43) [68869] RE: Help with dial cord pse !!! PLUS 6 meter E skip
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 44) [68870] WWII BATFISH op.
by "ke5tc" <ke5tc@crosstel.net>
- 45) [68871] Re: Based-Loaded Vertical Theory Questions (semi-long)
by Steve Yates <aa5tb@yahoo.com>
- 46) [68872] SMK-1 Soldering Iron
by rxd7@po.cwru.edu (Richard A. Dell)
- 47) [68873] T99W on 28.012.5 calling CQ with no takers!!
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 48) [68874] Update on SGC SG-237 Post
by Steve Yates <aa5tb@yahoo.com>
- 49) [68875] HB0/DL2MEH ON 28.016.7 at 1500Z 28Apr00
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 50) [68876] QRPTTF by VE3VAW at edge of Lake Ontario, Toronto,
by Brien Pepperdine <pepperb@gov.on.ca>
- 51) [68877] FS: MFJ keyer
by Shephed@aol.com
- 52) [68878] Reminder for the MAY SPARTAN SPRINT
by Russ Carpenter <russ@natworld.com>
- 53) [68879] Another QRZ poll
by Roger Hightower <n7kt@worldnet.att.net>
- 54) [68880] Dummy load: use of salt solution
by "Brad Hernlem" <alihernlem@hotmail.com>
- 55) [68881]
by brian@iquest.net
- 56) [68882] Re: Another QRZ poll
by Bill Jones <kd7s@psnw.com>
- 57) [68883] Re: Another QRZ poll
by Shephed@aol.com
- 58) [68884] Re: Another QRZ poll
by "Dan W. Dooley" <dandooley@pipeline.com>
- 59) [68885] Re: Another QRZ poll
by "Richard Brummer, K2JQ" <obvious@bestweb.net>
- 60) [68886] Florida QSO Party THIS WEEKEND
by Paul Womble <pwomble1@tampabay.rr.com>
- 61) [68887] QRPTTF Prep
by "Ward Hill, N1IE" <w_hill@ns.net>
- 62) [68888] Re: Sound card help
by Bob Patten <n4bp@bc.seflin.org>
- 63) [68889] Re: Florida QSO Party THIS WEEKEND
by Bob Patten <n4bp@bc.seflin.org>
- 64) [68890] RE: Another QRZ poll
by schoon@amgt.com
- 65) [68891] Re: Another QRZ poll
by Wb8siw@aol.com
- 66) [68892] SMK-1: Lost Parts Replacement

by "Doug Hendricks" <ki6ds@hotmail.com>
67) [68893] SMK-1
by "C L Barnett" <KB4CUQ@worldnet.att.net>
68) [68894] To The Field! / circuits
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
69) [68895] Re: SMK-1: Lost Parts Replacement
by "Richard Brummer, K2JQ" <obvious@bestweb.net>
70) [68896] Re: Another QRZ poll
by "J. Ervin Bates" <w8erv@email.msn.com>
71) [68897] Poor Doug!
by wb5qyt@eFortress.com
72) [68898] Re: Status: Bob WA2HOQrp
by Donald I Roher <donroher@juno.com>
73) [68899] SMK-1 & K2
by K5KW@aol.com
74) [68900] Re: Alinco DX-77T QSK?
by Donald I Roher <donroher@juno.com>
75) [68901] SMK-1 #73 on the air!
by Michael C Boatright <ko4wx@mindspring.com>
76) [68902] Insulated wire for dipole -- bad??
by "John Nally" <nally@talstar.com>
77) [68903] Re: SMK-1 Soldering Iron
by dtmiller@midiaowa.net (Dean T. Miller)
78) [68904] Re: Insulated wire for dipole -- bad??
by "Mike Yetsko" <myetsko@insydesw.com>
79) [68905] NQ5RP/MM QRPTTF
by Jim Hale <kj5tf@yahoo.com>
80) [68906] Re: Insulated wire for dipole -- bad??
by Jim Stafford <w4qo@amsat.org>
81) [68907] Keyer Question
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
82) [68908] Re: Insulated wire for dipole -- bad??
by Steve Yates <aa5tb@yahoo.com>
83) [68909] QRPTTF
by Jay Freeman <jayFreem@direcpc.com>
84) [68910] W4VQS on the Air QRPttf
by Doug Bankston <dougbankston1@yahoo.com>
85) [68911] PRELIM QRPTTF PROP/SOLAR
by "Paul Harden, NA5N" <na5n@rt66.com>
86) [68912] Re: Another QRZ poll
by Wb8siw@aol.com
87) [68913] Re: Getting ready for QRP TTF
by "Rod, N0RC" <n0rc@qsl.net>
88) [68914]
by brian@iquest.net
89) [68915] Re: Insulated wire for dipole -- bad??
by Jimbob <kw3u@warwick.net>
90) [68916] Re: Insulated wire for dipole -- bad??

by "Dan W. Dooley" <dandooley@pipeline.com>
91) [68917]
by brian@iquest.net
92) [68918] Re: Insulated wire for dipole -- bad??
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
93) [68919] Re: Insulated wire for dipole -- bad??
by "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
94) [68920] Re: Insulated wire for dipole -- bad??
by "Mike Yetsko" <myetsko@insydesw.com>
95) [68921] I told you so
by Bill Jones <kd7s@psnw.com>
96) [68922] Re: Insulated wire for dipole -- bad??
by Vince Werber <kaliic@ime.net>
97) [68923] QRPTTF 2000
by Jeff Grudin <grudin@vdb.com>
98) [68924] Re: Insulated wire for birds
by Joel Malman <malman@world.std.com>
99) [68925] Re: SMK-1 & K2
by Bruce Rattray <rattray@gpfn.sk.ca>
100) [68926] RE: I told you so
by schoon@amgt.com
101) [68927] Re: QRPTTF 2000
by "Richard E. Robinson" <rerobins@email.uncc.edu>
102) [68928] CW anywhere, anytime.
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
103) [68929] Great Sidestep from ARRL
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
104) [68930] RE: I told you so
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
105) [68931] Re: CW anywhere, anytime.
by "Richard Brummer, K2JQ" <obvious@bestweb.net>
106) [68932] Re: your mail
by Bob Patten <n4bp@bc.seflin.org>
107) [68933] A GOAL REALIZED
by hamjoel@juno.com
108) [68934] Re: Great Sidestep from ARRL
by mulveyr@iname.com
109) [68935] egg cartons and insulated wire
by "John Nally" <nally@talstar.com>
110) [68936] Re: Another QRZ poll
by mulveyr@iname.com
111) [68937] Re: SMK-1: Lost Parts Replacement
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
112) [68938] attenuators
by Stanley A Mcintosh <mcintos@basf-corp.com>
113) [68939] Re: Great Sidestep from ARRL
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
114) [68940] Re: SMK-1: Lost Parts Replacement

by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
115) [68941] Re: Insulated wire for dipole -- bad??
by hamjoel@juno.com
116) [68942] Re: Another QRZ poll
by Ray Colbert <af852@rgfn.epcc.edu>
117) [68943] Soldering My SMK-1
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
118) [68944] Re: CW anywhere, anytime.
by Ray Colbert <af852@rgfn.epcc.edu>
119) [68945] Re: SMK-1: Lost Parts Replacement
by "Ward Hill, N1IE" <w_hill@ns.net>
120) [68946] Re: Another QRZ poll
by "Ward Hill, N1IE" <w_hill@ns.net>
121) [68947] 14V from two D cells - SMK-1 PS :-)
by "KA5T Larry Wise" <lewise@inetport.com>

Date: Thu, 27 Apr 2000 16:06:26 -0700
From: Tom Bessler <tbessler@OregonVOS.net>
To: "Ron Smith" <resmith666@uswest.net>, "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Subject: [68827] Re: knife switches
Message-ID: <v04210101b52e77826ae3@[192.168.76.3]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>Care to post the commercial sources for the rest of us?
>
>Ron - KD7VD

I'm sorry, I tend to think that I'm the only one who needs answers to my stupid questions. Anyway, heres the sum of the answers that I received.

The two sources that were often repeated are:

1. Surplus Sales of Nebraska (www.surplussales.com)
2. The Wireman (n8ug@thewireman.com)

Several people said Radio Shack, but I have their catalog and I wasn't able to find one there. I also asked our semi-local RS owner (really a RS concession within a larger electronic store) and he said he had no knowledge of knife switches.

Also, one ham said that he'd just put on on Ebay two days ago. I

didn't check but that might be a source.

Good Luck,

Tom, WB7WSF

PS. I just received another response that gave a new url for the Wireman.

<http://www.thewireman.com/ground.html>

T

Date: Wed, 26 Apr 2000 07:43:41 -0400 (EDT)
From: scott howell <n3byy@speakeasy.org>
To: qrp-1@lehigh.edu
Subject: [68828] SF:dk9sq mast & loop
Message-ID: <Pine.LNX.4.20.0004260742180.7663-1000000@n3byy.yi.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

still available is the mast and loop antenna.

Asking \$150 shipped for both items and insurance included.

72/73 de Scott/n3byy

Date: Thu, 27 Apr 2000 17:21:58 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Doug Hendricks <ki6ds@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68829] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
Message-ID: <Pine.SUN.4.10.10004271703490.20439-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 27 Apr 2000, Doug Hendricks wrote:

> Guys, Mike Gipe, Dave Fifield, Paul Maciel and I plan to operate from Sunset
> Beach near Watsonville. We will have a beautiful view of the Monterey Bay,

> My one regret is that for the first time in years I won't be with my old
> buddy, Paul Harden, NA5N. Paul, it will probably be harder to work you and
> Jan this year, but I bet we can do it.

Yes, it will be sad not to do QRPTTF with Doug this year. Always been
a highlight meeting somewhere for the event.

1999 Operated from NV/CA line south of Vegas IN THE RAIN
1998 NA5N/KI6DS with Tim K5OI and Bob and Bertie Hightower from the
NM/TX/MEXICO border near El Paso, TX
1997 NA5N/KI6DS with Ron KU7Y and Bob WA7FCU (calls at the time)
from *near* AREA 51, Nevada, spending the night in Las Vegas.
1996 NA5N/KI6DS with Chuck K5FO (calls at the time), Jay Miller and
"spud gun" Tom, K5OI, and others from the ghost town of
Riley, New Mexico, population = 0. Did I mention the wind?

There are stories that have been told (and a few untold) from each
and every QRPTTF event and location. For me, QRPTTF is as much fun
off the air as it is on the air. And I know many others feel the
same. Many fond memories. Also note how every couple of years
it seems to include Las Vegas?

So get yourselves 2-3 QRPers together for QRPTTF and start a
tradition of your own.

So good luck to Doug, Paul, Dave and Mike (the bikini gang). Wish
I were there, but just didn't work out this year. Besides, who in
their right mind would give up a nice location at a dirt tank and
cattle corral surrounded by 12 sections of cattle and cow pies
for a dumb stupid bikini infested beach?

GL and 72, Paul NA5N

Date: Thu, 27 Apr 2000 19:32:24 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [68830] CQ W1RFI de WB3AAL
Message-ID: <01ee01bfb0a0\$d94818e0\$a7e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth folks.

I sent coffee to Ed, W1RFI, at ARRL Headquarters.
I received an e-mail from him on Monday, he said he
was making it on Tuesday morning.

I have not heard from him since. The name of the coffee
is "Morning Rush", double the caffeine.

CQ W1RFI CQ W1RFI de WB3AAL. . .k

Are you out there Ed?

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society #45	

Date: Thu, 27 Apr 2000 17:47:59 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [68831] KK6MC/5 QRPTTF
Message-ID: <200004272348.SAA12552@chupacabras.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

All - KK6MC/5 will be located on the west rim of the Rio Grande Gorge
for QRPTTF. Horizontally, right next to the water but 650 ft. vertically
above it. I will be at the rest stop on the west end of the Rio Grande
Gorge bridge about 15 miles or so Northwest of Taos, NM. So if there is
a bit of hum on my battery operated signal you will understand.

I will be active on 40 M, 20 M, 15 M, and 10 M. On the edge of the gorge I should have a good low angle signal from the north through the south. Look for me. I may have to work a bit harder for the west coast, but I am sure the bikini clad residents of Sunset Beach will be pestering Doug, Dave and Dave to see if they have worked me once they find I am on. :^) They might even want to take a whirl on the key.

As I understand the rules, an SPC counts once for each band it is worked on, so it may pay to get people in rare SPCs to QSY to higher bands to improve your score. Just a thought.

See you on the bands Saturday!! - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Thu, 27 Apr 2000 20:19:35 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [68832] Need QRPTTF info
Message-ID: <8e.44ab37b.263a3317@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Cannot find my rules to the QRPTTF that I printed out.(wife cleaned my home office)

Could someone point me int he right direction?

Thanks

Aron

N10DL

Bedford, NH

Date: Thu, 27 Apr 2000 17:32:03 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: kanga@bright.net, ki6ds@hotmail.com, qrp-1@Lehigh.EDU
Subject: [68833] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
Message-ID: <20000428003203.23724.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Bill, did your wife tell you that??? Dave Fifield will have his digital camera, and we will be posting pictures to prove that California girls do wear bikinis in April, why do you think we chose this place? Ever hear Mike Gipe talk at a QRP Forum??? If you have, you will know why we let him pick the spot, grin, grinner and grining. Paul, sure glad that I didn't know about the dirt tank and cow pies before I got the bikini offer, or I may have been forced to skip the bikinis. It doesn't get any better that cow pies, flies and New Mexico drinking water. Have a good time and listen for us on the air. Guys, don't forget to post your experiences, war stories, unusual happenings etc. right here on qrp-l. We will all be excited to read your posts. 72, Doug

>From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
>Reply-To: kanga@bright.net
>To: "Doug Hendricks" <ki6ds@hotmail.com>, qrp-l@Lehigh.EDU
>Subject: Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P,
>KI6DS
>Date: Thu, 27 Apr 2000 18:46:36 -5
>
>I spend summer vacation a few hundred years south of Sunset Beach with
>the in-laws - and I know for a fact it is too cold in April for any bikinis
>to be
>out at Sunset Beach....
>
>That is one rumor this midwesterner is not going to let you left coasters
>propagate! ;>
>
>My guess is that the wind noise may be a lot more of a problem than the
>bikinis!
>
>
>73 - Bill - N8ET
>Kanga US
>kanga@mail.bright.net
><http://www.bright.net/~kanga/>
>419-423-4604

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Thu, 27 Apr 2000 18:48:19 -0500 (CDT)
From: Joe Reed <joe@n9jr.dyndns.org>
To: JClinton46@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [68834] Re: OT - Computer help
Message-ID: <Pine.LNX.4.05.10004271837370.9886-1000000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 26 Apr 2000 JClinton46@aol.com wrote:

> FWIW I have tried to duplicate my computer hangup without success. A click on
> the taskbar always restores the program no matter how I minimize it. Go
> figure!!

By right clicking on the icon you are able to give focus to the application. Then you can bring it back either in full screen or window mode depending on its last instance. Not rocket science at all, just how the application is coded.

The application going rogue is a quirk of the OS. My day gig is IT manager at a computer company and I see this all the time. And my LAN administrators fight this losing war everyday in userland. That is why none of my own computers run M\$ WinDoze in any way shape or form. Just poorly written software, but it keeps me employed and somewhat amused.

Joe N9JR

Date: Thu, 27 Apr 2000 21:08:09 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [68835] OPERATING: QRP-TTF on the USS Kidd
Message-ID: <20000427.200607.4631.2.N5IB@juno.com>

Just a reminder that W5KID will be active from the USS Kidd, a WW2 restored destroyer. We might have as many as three rigs going and will certainly give 10 m and 15 m a good look. In addition to the regular position in the aft radar room, we have clearance to use the emergency radio room, and to set up in the open air on the flying bridge (not usually open to the public because of ladder hazards)

We might take a little time out to do what tin cans do best - hunt subs - during the Silent Service 100th anniversary event.

If you need LA for another SPC plus a 25 pt /mm contact, The Pirate of the Pacific will be at action stations.

All ashore who's goin' ashore... 72

Jim N5IB
Baton Rouge, LA

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Date: Thu, 27 Apr 2000 20:21:28 -0700
From: Wayne <walexan@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [68836] SMK-1
Message-ID: <4.3.1.2.20000427201918.00a78d10@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Got my kit #342 in the mail today. Time to melt some solder.
Have fun.

73,
Wayne
N=D8EA

Date: Thu, 27 Apr 2000 20:30:12 -0700
From: Dick Carroll <dixie@townsqsr.com>
To: kanga@bright.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [68837] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
Message-ID: <390905C4.968193DC@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Kelsey - N8ET - Kanga US wrote:

>

> I spend summer vacation a few hundred years south of Sunset Beach with
> the in-laws - and I know for a fact it is too cold in April for any bikinis to

be
> out at Sunset Beach....
>

It was almost as bad the July we camped there, except maybe from around noon til 2. And I've coasted California from Imperial Beach to north of the Golden Gate and I've yet to see a surfer without a wetsuit...

Dick

Date: Thu, 27 Apr 2000 18:39:32 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [68838] SMK-1 case
Message-ID: <004a01bfb0b2\$9b1b7b40\$2310b9d8@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone received their case yet?

Date: Thu, 27 Apr 2000 18:39:58 -0700
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp-l_post <qrp-l@lehigh.edu>
Subject: [68839] ARCI Contest Web Pages
Message-ID: <3908EBEE.8926866B@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have made some additions to the QRP ARCI Contest web pages. New pages include

The 1999 Fall QSO Party official results sorted in numerical order
The 1999 Holiday Spirits Sprint official results sorted in numerical order

High Claimed Scores for the
 2000 Winter Fireside SSB
 2000 Spring QSO Party

Start with the Contest Home Page at
<http://personal.palouse.net/rfoltz/arci/arcitst.htm>

73,
Randy, K7TQ
QRP ARCI Contest Chairman

Date: Thu, 27 Apr 2000 20:50:33 -0500
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>
Subject: [68840] Dummy load: use of salt solution
Message-ID: <000a01bfb0b4\$5ed6cac0\$78d542ce@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brad,
This is probably not a good idea. For one, it will be non-linear. Above a certain voltage (~2-3 volts) electrolysis will occur, producing chlorine and sodium hydroxide. Some of the chlorine will be reduced back to chloride on the opposite cycle, but some will probably escape. Also, the electrodes will be more reactive than you might think due to an electric field gradient (called a double layer) between the electrode and the bulk of the solution. There is an analytical technique called cyclic voltammetry in which a solution is subjected to AC voltages to observe oxidation / reduction behavior of various solutes. Usually the frequencies much lower than HF are used, though.

73 de Mike KD5CMN in STX

>Brad Hernlem wrote:
>Has anyone ever heard of or considered using a couple of electrodes in
>a salt water bath as a dummy load? With the right tweeking of salt
>concentration and electrode size one should be able to get the desired
>load and it would presumably be non-reactive if the electrodes were not
>too close.

Date: Thu, 27 Apr 2000 22:16:03 -0400
From: "Nick Yokanovich" <k3ny@toad.net>

To: <n5ib@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68841] Re: OPERATING: QRP-TTF on the USS Kidd
Message-ID: <012101bfb0b7\$b5a73080\$b7bd21a2@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <n5ib@juno.com>
> We might take a little time out to do what tin cans do best - hunt subs -
> during the Silent Service 100th anniversary event.
>
> Jim N5IB
> Baton Rouge, LA

Jim,

Secure all Z fittings, up all late bunks, sweepers sweepers man your
brooms,
and watch your six (oops, that's airedale talk!) cuz NK3ST will be on the
air
with a large wolf pack this weekend. Good hunting!
Set the special sea and anchor detail!
Nick K3NY
Arnold, MD
Torsk NK3ST
Baltimore, MD

Date: Thu, 27 Apr 2000 19:17:22 -0700
From: Bill Ross <k6mgo@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [68842] Fw: Dummy Load
Message-ID: <20000427.191723.-328963.1.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Brad, when I was working in the aerospace industry, many years ago, I was
sent up to the San Francisco Bay Area, to "buy" a transmitter, for the
Navy. I got to the vendors location, and asked to see the specs and
purchase order. I was used to working with equipment aboard aircraft and
so was expecting to find something in the 50- 100 watt range.
I nearly fell on the floor when I read that the transmitter was in the

Megawatt range. I asked to check it out at full power, thought, bluffing my way through the deal.

Well, they had a mini swimming pool and they had a guy standing over it with a couple of 5 lb. boxes of salt, pouring it in and we watched the amp meter in the plate ckt. He kept adding salt until we had the rated current.

I had never seen anything like it, before, or since.

So, yes, it will work.

73/72

Bill, K6MGO

Has anyone ever heard of or considered using a couple of electrodes in a salt water bath as a dummy load? With the right tweeking of salt concentration and electrode size one should be able to get the desired load

and it would presumably be non-reactive if the electrodes were not too close.

What do you think?

Brad

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Date: Thu, 27 Apr 2000 20:34:13 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Doug Hendricks <ki6ds@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68843] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
Message-ID: <Pine.LNX.3.95.1000427202724.19958B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 27 Apr 2000, Doug Hendricks wrote:

> Guys, Mike Gipe, Dave Fifield, Paul Maciel and I plan to operate from Sunset
> Beach near Watsonville. We will have a beautiful view of the Monterey Bay,
> and I am really excited about the opportunity to operate with 3 of my qrp
> buddies. Plus, the site is beautiful (blondes, bruenettes, redheads, all
> in bikinis, grin). Remember if you are working me and I am having trouble
> copying you it may be because of the bikini factor, very big grin. (Don't
> tell JoAnne about this one, guys.)

....ok guys, we've got Doug right where we want him....I'm sure none of us will tell JoAnne.....right guys?.....anyone want a free kit of your choice?..... let Doug know; mention the "bikini" thing and I'm sure he'll see what he can do for you.....heh,heh,heh.....

> the 4 of us will be working under the bikini handicap. I think we deserve

.....bikini handicap?.....HAR!HAR!HAR!.....do we feel sorry for you guys??.....HAR!HAR!HAR!.....I DON'T THINK SO EH!?!?!?!.....we will show no mercy.....operating qrp...watching undulating bikinis.....some guys have ALL the luck!.....have a great time and wish I was there as official bikini inspector but I'm sure you'll all do your very best to fill in for me.....have fun!!

....72 - Bruce (VE5RC+VE5QRP)

Date: Thu, 27 Apr 2000 20:40:14 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Paul Harden, NA5N" <na5n@rt66.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68844] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
Message-ID: <Pine.LNX.3.95.1000427203739.19958D-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 27 Apr 2000, Paul Harden, NA5N wrote:

> Besides, who inktheir right mind would give up a nice location at a dirt tank and cattle corral surrounded by 12 sections of cattle and cow pies
> for a dumb stupid bikini infested beach?
>

.....umm, I would..... :-)))

.....hungrily...errr.....humbly, the Scribe.

Date: Wed, 26 Apr 2000 21:50:58 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Radio qrp-l" <qrp-l@Lehigh.EDU>
Subject: [68845] OPERATING: on the USS BATFISH WWII SUB

Message-ID: <001f01bfaaff3\$6b428ae0\$ac6c1ece@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim:

Keep an eye out for the periscope of the WWII Submarine the "USS BATFISH" located in Muskogee, OK. We will be running ssb as part of the Silent Service 100th anniversary event. We hope to also have a cw qrp station on the air for qrp-ttf (this is iffy). The call sign will probably be ke5tc...

>

> ----- Original Message -----

> From: <n5ib@juno.com>

> > We might take a little time out to do what tin cans do best - hunt subs -

> > during the Silent Service 100th anniversary event.

> >

> > Jim N5IB

> > Baton Rouge, LA

Date: Thu, 27 Apr 2000 19:58:06 -0700
From: Lee Hopper <leehop@uswest.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [68846] SMK-1 #35 FB
Message-ID: <3908FE3E.614E4725@pop.ptld.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First qso is qrp-qrp!

Put it on the air tonight - getting 300 mw out as measured by WM-2 wattmeter - Using the MFJ Econo keyer, ZM-2 tuner, dipole cut for 40 but needs tuner anyway. Jumper wires running everywhere, SMK-1 sitting proudly on the op table - still naked as a newborn.

Worked from this qth (Portland, OR) to KE7IT, Arsdell L. Fluesmeier ("Flues") in Coupeville WA (Whidbey Island area if I copied right...) 185 miles as the crow flies. Flues BTW is 78 yrs old and a qrper! Was running 5 watts on his Index rig. A fair amount of qrm/qrn. He gave me a 559, I gave him a 599.

So, would like to thank Dave Fifield, Doug Hendricks, Jim Cates, and all the NorCal gang who helped make this little trial rig a reality.

Building was a breeze - didn't drop anything on the floor (but used a safety sheet under me, just in case), liked the sectioned bags the parts came in. Took maybe 8 hours to build - I didn't time it exactly and I went slow, to enjoy it.

Looking forward to dressing it up in the NJ-QRP Club enclosure kit so I can show it off!

72's

Lee Hopper
KD7CTF
Portland, OR, USA

Date: Thu, 27 Apr 2000 20:01:58 -0700 (PDT)
From: Patrick Franzis <old_radios@yahoo.com>
To: qrp-1@Lehigh.edu
Subject: [68847] A question on a cap value- help!
Message-ID: <20000428030158.3471.qmail@web118.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
I got a stray cap in a recent parts order from Dan's
It's an orange tear-drop shape, markings are

100-10 ++(2) the "2" is circled.

Can anyone tell me what the value is?

Thanks, Patrick N10CJ
email is fine-

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Date: Thu, 27 Apr 2000 22:25:33 -0500
From: Gary Harrison <k0bc@ipa.net>
To: mpaley@wcnet.org, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68848] Re: old callsign
Message-ID: <4.2.2.20000427215601.00da96a0@popd.ipa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Mark Paley wrote:

>I have sent a note to the QCWA for some help as I believe they
>might have the information. Thanks again,
>Mark Paley--KF8KL--

>Hi Mark and group,

>If you are interested in finding out when your first license was issued
>try sending us an application and check or credit card number! We check
>all applicants, but we ask that you tell us when you believe you were
>first licensed. We maintain a two person office in Eugene, OR. All
>research is done by hand. Our callbook library goes back to the originals
>issued by the Department of Commerce (all radio stations!). At least back
>to the early teens.

>The qualifications for joining the Quarter Century Wireless Association is
>that you were licensed at least 25 years ago and have a license now. Not
>continuously, just 25 years ago and now. The best example that I can give
>you is if you were licensed on or before December 31 of 1976, you were
>qualified to join on January 1 of 2000.

>Let me know and I will furnish anyone that is interested an
>application. Come by and see us at Dayton!

>73,
>Gary Harrison, K0BC
>QCWA President
>See our website at <http://www.qcwa.org>
>Ask me about our Scholarship Fund!

Date: Thu, 27 Apr 2000 23:26:30 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Mike Gipe <mgipe@reliablemeters.com>
Cc: qrp-1@lehigh.edu
Subject: [68849] RE: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6
DS
Message-ID: <200004280326.XAA21366@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Mike -

Methinks you left coasters do not understand what "reasonable" temperatures are (you must have been away from 1 Land too long....) The first time I was out there and headed across the beach to the water the way I would do on the Atlantic Coast, my wife (a native of CA) just let me go. I made it in to about my ankles when I realized why CA beaches are always deserted compared to East Coast beaches - that water temp is dangerous!

See you the last half of August with my wetsuit!

> We never expect a midwesterner to understand California beach climatic
> science, even at Pajarro, where your in-laws are. Summer is the coldest
> season at the beach, while April and October are ideal.
>
> Methinks ye just be jealous!
>
> Mike K1MG
>

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Thu, 27 Apr 2000 21:51:08 -0700
From: gsurrency@juno.com
To: K5KW@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [68850] Re: Transistor Substitution
Message-ID: <20000427.220622.-432067.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I've found the NTE236 is a superior device than the 2SC1969, at least as far as 10m TX output level is concerned.

But it is an expensive alternative, at more than \$9 per device. Don't everybody rush out and replace their stock PA's! :-)

73,

Gary Surrency AB7MY
Elecraft Technical Support

On Thu, 27 Apr 2000 10:40:37 EDT K5KW@aol.com writes:

> I've been reading with interest the listing here of
> various power transistors that are currently in use.
>
> NTE's transistor cross reference lists their NTE 236
> as a direct replacement for both the 2SC1969 and the
> 2SC2166, and the NTE 235 as a direct replacement
> for the 2SC2078. Even the venerable old MRF237 has
> a listed replacement in the NTE341. The NTE transistors
> mentioned are in the current Mouser catalog, and
> presumably are available.
>
> I have a question for the two Daves of RH and DSW fame,
> or others who are similarly knowledgable. Are these substitute
> transistors really a "direct" replacement, and equal in every
> important way to the original specified transistor?
>
> My apologies if this topic has been covered previously.
>
> 72,
>
> Don, K5KW
>
> "From Meadowlark Aerodrome on the rippling shores of Lake Eva, in
> the heart
> of the Morris-Boynton metroplex of east central Oklahoma, where
> every day is
> a sunny day".

Gary Surrency AB7MY
Elecraft Technical Support

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 27 Apr 2000 22:42:34 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>

To: qrp qrp <qrp-1@lehigh.edu>
Subject: [68851] Re: Contest: QRP to the Field Operation for K1MG, AD6A, AK1P, KI6DS
Message-ID: <20000428054234.19298.qmail@web121.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Dick Carroll <dixie@townsqsr.com> wrote:
> Bill Kelsey - N8ET - Kanga US wrote:
> >
> > I spend summer vacation a few hundred years south of Sunset Beach
> with
> > the in-laws - and I know for a fact it is too cold in April for
> any bikinis to be
> > out at Sunset Beach....

I camped out there in July also about 3 years ago. It was sunny the first day and after that cold and foggy the rest of the time. We lasted 2 days, got tired of freezing and went back home. It was miserable! This when the interior was having 100 degree days!

Jeff

=====
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

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Date: Fri, 28 Apr 2000 02:29:26 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [68852] Getting ready for QRP TTF
Message-ID: <7b.361d11f.263a89c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

http://www.specialoperations.com/USMC/Force_Recon/360.htm

Date: Fri, 28 Apr 2000 07:54:25 +0100
From: Stewart Bryant <stewart.bryant@virgin.net>
To: mmullins@mastnet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68853] Re: Dummy load: use of salt solution
Message-ID: <390935A1.9FE6B0D1@virgin.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

When I was a PhD student one of my colleagues used copper sulphate filled PVC tubes with copper terminals forced into the ends as high power high voltage resistors with some considerable success. He was building a high power pulsed laser, and used the resistors both in the power supply and electrical dummy load. I imagine that he wrote this up so you could do a literature search for Chris Edwards and either Dan Bradley or Henry Hutchinson around 1976 to 1980.

Stewart G3YSX

Mike Mullins wrote:

> Brad,
> This is probably not a good idea. For one, it will be non-linear. Above a
> certain voltage (~2-3 volts) electrolysis will occur, producing chlorine and
> sodium hydroxide. Some of the chlorine will be reduced back to chloride on
> the opposite cycle, but some will probably escape. Also, the electrodes
> will be more reactive than you might think due to an electric field gradient
> (called a double layer) between the electrode and the bulk of the solution.
> There is an analytical technique called cyclic voltammetry in which a
> solution is subjected to AC voltages to observe oxidation / reduction
> behavior of various solutes. Usually the frequencies much lower than HF are
> used, though.
>
> 73 de Mike KD5CMN in STX
>
> >Brad Hernlem wrote:
> >Has anyone ever heard of or considered using a couple of electrodes in
> >a salt water bath as a dummy load? With the right tweeking of salt
> >concentration and electrode size one should be able to get the desired
> >load and it would presumably be non-reactive if the electrodes were not
> >too close.

Date: Fri, 28 Apr 2000 06:04:53 -0400
From: David M Kopacki <kf2ew@juno.com>
To: qrp-1@lehigh.edu
Subject: [68854] Appalachian Trail & QRPTTF
Message-ID: <20000428.060454.-16751889.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Good morning, all. I will be operating from the Appalachian Trail next to Sunfish Pond on the NJ side for QRPTTF. Also, I'll be on the air prior to the contest looking for AT contacts.

I will be on 7.040 +/-, hopefully by 8:30 and definitely by 9:00, calling CQ AT. If I hear ANYONE calling CQ AT, I will answer you!

Have fun and remember - QRP is very little fun!

Mike, KF2EW

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Apr 2000 06:26:45 -0400
From: "Pastor-kc1di" <ELBC@PIVOT.NET>
To: <wphinizy@filenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68855] Re: Based-Loaded Vertical Theory Questions (semi-long)
Message-ID: <002b01bfb0fc\$42586640\$1610a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Phinizy, William" <wphinizy@filenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, April 27, 2000 4:10 PM
Subject: Based-Loaded Vertical Theory Questions (semi-long)

> Who was it said, "I go through more rolls of solder than I do logbooks"?

>
> Not content to leave things as they are, I recently tore down a perfectly
> good Cushcraft 4010 40-10 meter trap vertical so I could build a base
loaded
> vertical in its place.
>
> Why?
>
> Several reasons, really. I am afraid only one of them approaches
> rationality:
>
> (1) Wanted to add the WARC bands.
>
> (2) Was in a "CC&R" zone and wanted to build an antenna that could be put
up
> taken down easily.
>
> (3) Wanted to experiment and learn (my main motivation).
>
> Well, after reading all of the theory -- but not absorbing much, I am
afraid
> -- I built a 16-foot vertical from three sections of swaged, tapered
> aluminum. I had a neat coil -- Air Dux, 2.5 inches diameter, 12 inches
> long, and about 5 tpi that I used for a loading coil. The ground system
was
> no gerat shakes -- about four radials and a connection to the copper pipe
> system running around my house. Given the space constraints, I am maxed
out
> for radials. This configuration was, however, satisfactory for the 4010.
> Anyway, you get the picture.
>
> The scenario is this: I am only able to resonate the antenna on 40 and 80.
> The former requires a tap approximately 1.5 inches from the top of the
coil
> (i.e., a 1.5 inch coil); the latter requires a tap almost at the bottom
of
> the coil. The VSWR in both cases is no less than 2:1 at best. There are
no
> other resonant frequencies that I could readily observe.
>
> My question is this: How could I take what I have done so far and build an
> antenna that works reasonably, exhibits a decent VSWR (not related to the
> previous requirement, I realize), and -- most importantly -- learn from
this
> so I can apply my understanding to future situations.
>
> The above is purposely over-simplified; references, examples, theory, and
> suggestions are most welcome as are brickbats, flames, and tirades so long

> as they further my understanding of the principles involved.

>

> My thanks in advance,

>

> Bill, k6whp

>

>

Hi Bill,

first of your antenna should have been resonant without any coil at approximately 20 meters.. if it is not then something amiss and you should get it working there first and go from there.

secondly, the coil method will work only on bands where the vertical is electrically short for the frequency. that explains why it works some what on 80 and 40. you'll need to add a variable cap to make up an L net work to get better swr on other bands.

Thirdly the ground system really should be improved. and more radials cant hurt..

I've used this system over the years with very good results over good ground..

An Automatic tuner at the base is nice , Wish I had one here now HI.

Good Luck

73 Dave kc1di

Date: Fri, 28 Apr 2000 06:45:48 -0400

From: "William K. Harding" <k4ahk@ix.netcom.com>

To: "qrp-l mail" <qrp-l@lehigh.edu>

Subject: [68856] Sound card help

Message-ID: <200004281045.GAA01665@smtp10.atl.mindspring.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

Am considering building a new PC so that I can play with some of the newer modes that use a sound card interface. Are there specific brands/types of sound cards that are recommended and/or not recommended?

Bill - K4AHK

Burke, VA FM18

Date: Fri, 28 Apr 2000 04:06:32 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: k4ahk@ix.netcom.com, qrp-1@Lehigh.EDU
Subject: [68857] Re: Sound card help
Message-ID: <20000428110632.94262.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Am considering building a new PC so that I can play with some of the newer
>modes that use a sound card interface. Are there specific brands/types of
>sound cards that are recommended and/or not recommended?

Most MBs now include the sound board circuitry on the main board. They are
generally SB-compatible, so you shouldn't have a problem.

73, Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

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Date: Fri, 28 Apr 2000 07:23:14 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <k4ahk@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68858] Re: Sound card help
Message-ID: <004e01bfb104\$6713ce40\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If your interest is primarily amateur radio software, I would strongly suggest you get a genuine SoundBlaster 16. While much of the software will work with 'Soundblaster Compatible', there is a fair amount that seems to insist on genuine Soundblaster, and much of this doesn't work with the newer Soundblasters. The SoundBlaster 16 seems to be the most recent card that is close to 100% compatible with the ham software. There is still some that requires an even earlier Soundblaster, but much of the more recent software won't work with the pre-SB16 cards.

The bad news is that it can take a little looking to find one of these. The good news is that they are cheap.

This is decidedly NOT the best choice for playing the latest games.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: William K. Harding <k4ahk@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, April 28, 2000 6:47 AM
Subject: Sound card help

>Am considering building a new PC so that I can play with some of the newer
>modes that use a sound card interface. Are there specific brands/types of
>sound cards that are recommended and/or not recommended?

>

>Bill - K4AHK
>Burke, VA FM18

Date: Fri, 28 Apr 2000 08:02:05 -0400
From: John AE5X <ae5x@juno.com>
To: qrp-l@Lehigh.EDU
Cc: ae5x@pocketmail.com
Subject: [68859] Appalachian Trail & QRPTTF
Message-ID: <20000428.080206.9622.1.ae5x@juno.com>

I'll be QRPTTF'ing from Crater Lake, NJ which is also on the Appalachian Trail. I don't know yet which 6 hours of the contest I'll be operating but I will be on 7040/14060 prior to the 1500Z start time if anyone needs the AT in NJ, OK?!

I'm looking for other AT states too. I'll be overnighing on the Trail Saturday night so I'll be on after the contest as well from my tent.

John Harper AE5X
HW-9, OHR-100A/20, NC40A, SST30, SST40, DSW20
Outdoor QRP: <http://home.att.net/~j..harper>

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Apr 2000 12:52:25 +0100
From: "David Hurley,n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>, NJQRP
<njqrp@njqrp.org>, David Sarnoff Radio Club <dsrc@nerc2.nerc.com>, w2zq
<W2ZQ@onelist.com>
Subject: [68860] QRPTTF
Message-ID: <39097B79.7989F765@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRPTTheField

DIVE! DIVE!

Will be QRV from the museum ship USS Becuna (SS-319), a WW2 submarine,
from the Philadelphia waterfront.

We will be running two stations from the radio room. Both cw/qrp from a
variety of rigs. NC40a-40/MFJ-40/SST-20/DSW-20/MFJ-20

If you sign qrp, I'll do my best to pull you out! Dressed as sailors,
we will also be conducting tours of the boat so be patient. Drop by if
you are in the area and spell us for a while. Then go see the movie
U-571 and be very appreciative of those that have gone before.

Time: 1400 to 2100utc on Saturday
Callsign: kc2aio
Frequencies: 7.043
14.043
14.060

Submarine Bob, kc2aio

submarine dave, n2zhy

Date: Fri, 28 Apr 2000 08:12:05 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [68861] My SMK-1 Soldering Iron
Message-ID: <000701bfb113\$5b52a0e0\$fd365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's a picture of the soldering iron I'm using to assemble my SMK-1.
<http://www.indiana.net/~wd9eyb/bertha.jpg>

Jim, WD9EYB

Date: Fri, 28 Apr 2000 08:13:18 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [68862] Re: My SMK-1 Soldering Iron
Message-ID: <000d01bfb113\$8596a2c0\$fd365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ok, it was a feeble attempt at humor.
Actually I'm going to try to use a 20 W iron with a Variac to
control the temperature.

Jim, WD9EYB

Date: Fri, 28 Apr 2000 09:35:36 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "klqrp_submit (E-mail)"
<klqrp@waterw.com>, "Qrp1_Submit (E-mail)" <qrp-l@Lehigh.EDU>

Cc: wa4ygg@dnet.net
Subject: [68863] Operating from St. Simons Island, GA for Norcal "To The Water"
Event this weekend
Message-ID: <66FCE0D1DF76D311913800805F6D0FA3B6E899@mailserver1.usan.com>
MIME-Version: 1.0
Content-Type: text/plain

I plan to be operating from the beach or dock at St. Simons Island, GA (USI - GA003S , IOTA NA-058) this weekend. St. Simons Island is just off the coast of GA in the Atlantic. Nearest GA town on the mainland is Brunswick, GA.

I will be using the Parking Lot Portable Vertical (see my web page for details) and my trusty old INDEX QRP+. Will concentrate on the upper bands 20/15/10 openings permitting. Will check 40 mtrs during the operating period.

Location permitting I will be trying out a new portable reel dipole (WA4YGG PRA1 Portable Reel Antenna) in an inverted Vee configuration at low heights.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Fri, 28 Apr 2000 09:37:38 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <old_radios@yahoo.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [68864] RE: A question on a cap value- help!
Message-ID: <000401bfb116\$ebf40d20\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Offhand Patrick, it sounds like a 100 uFd 10-V electrolytic. Best guess from a "DX" viewpoint!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of

Patrick Franzis
Sent: Thursday, April 27, 2000 11:02 PM
To: Low Power Amateur Radio Discussion
Subject: A question on a cap value- help!

Hi,
I got a stray cap in a recent parts order from Dan's
It's an orange tear-drop shape, markings are

100-10 ++(2) the "2" is circled.

Can anyone tell me what the value is?

Thanks, Patrick N10CJ
email is fine-

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<http://im.yahoo.com/>

Date: Fri, 28 Apr 2000 06:36:10 -0600
From: Bruce Grubbs N7CEE <n7ceeqrp@earthlink.net>
To: qrp-l@LeHigh.edu
Subject: [68865] QRPTTF op W7TA0
Message-ID: <4.3.1.0.20000428063438.01a0c688@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Scott, K7BUG, and I will be operating near Lake Mary, southeast of
Flagstaff Arizona, under the call W7TA0. We plan to use a full size 40m
vertical based on the DK9SQ mast, and my K2 with autotuner.

Good luck to all and 72,
Bruce

Bruce Grubbs, n7ceeqrp@earthlink.net

Date: Fri, 28 Apr 2000 09:41:43 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [68866] MI QRP NET
Message-ID: <39099517.129B9963@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Last Tuesday night the MI QRP Net had three check ins:

W8IQB Lowell

K8CV Walt

WK8S Pete

Thanks for checking in. Just a reminder that the MI QRP Net meets every Tuesday night at 9:00 pm EDT/EST at 3535 KHz. Net control is AB8DF. C
U L

Ed AB8DF

Date: Fri, 28 Apr 2000 09:56:06 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ai2q@ispchannel.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [68867] Re: A question on a cap value- help!
Message-ID: <01d201bfb119\$840ce6c0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, if it were me, and I HAD to know....

Find someone with a CAP meter. If you can't find one, take that and a 'couple' of other caps to the local Radio Shack and ask them to try a meter to see how it works. Testing multiple caps will give you a point of reference (and also make it look like you're REALLY testing out the meter! Hey, who knows, you may buy, right?) Once you know the 'value', then you can probably match that to the numbers. The meter won't tell you voltage or any other parameter, just capacity.

But Alex is probably right. BUT... You never know, right?

Mike

----- Original Message -----

From: AI2Q Alex <ai2q@ispchannel.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Friday, April 28, 2000 9:37 AM

Subject: RE: A question on a cap value- help!

> Offhand Patrick, it sounds like a 100 uFd 10-V electrolytic. Best guess

> from a "DX" viewpoint!

>

> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Patrick Franzis

> Sent: Thursday, April 27, 2000 11:02 PM

> To: Low Power Amateur Radio Discussion

> Subject: A question on a cap value- help!

>

>

> Hi,

> I got a stray cap in a recent parts order from Dan's

> It's an orange tear-drop shape, markings are

>

> 100-10 ++(2) the "2" is circled.

>

> Can anyone tell me what the value is?

>

> Thanks, Patrick N10CJ

> email is fine-

>

>

> -----
> Do You Yahoo!?

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> <http://im.yahoo.com/>

>

>

Date: Fri, 28 Apr 2000 09:40:48 -0400

From: "Steve Hudson" <steve.hudson@cmdg.com>

To: <qrp-1@lehigh.edu>
Subject: [68868] SMK-1 -- That glow you see on the eastern horizon...
Message-ID: <000201bfb117\$5cde4d20\$c95a85ce@acpdceditor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

...is not the sunrise. Instead, it is due to the massive quantities of RF pouring forth from another just-completed SMK-1!

Mine arrived yesterday. Ann knew I'd been looking for it, and when she brought in the mail I saw her waving a priority mail box in the air, bless her heart. Oh boy!

Last night after supper, I crept down the stairs with no one noticing and went to work.

Man, those parts are tiny. The little transistors gave me the most trouble, followed by those electrolytic caps with those darnedly tiny connections. To my surprise, the ICs were a breeze. Rs and Cs were straightforward, too, and even the little diodes went on without problem once I discovered that a "sticky stick" (pointed wood with masking tape on the end) was great for positioning 'em, without the "PING-and-there-it-goes-through-the-air" risk of tweezers. A note to prospective builders of the thing -- I was able to build it without a magnifier, but that was under very, very good light...and my eyes were sure-enough hurting by the time I finished. Just trying to prove I'm still young, I guess...

'Bout midnight it was finished. Figuring that I was too tired to fire it up without hooking up something wrong and blowing it up(voice of experience) I set it on the shelf and hit the sack. But this morning, bright and early, came the big moment. I put little headers on the PCB and used surplus computer connectors for connections...and connecting everything up, I turned on the regular receiver and applied power. Voila -- there's a signal from the RX oscillator! A touch of the key, and there's another signal from the TX oscillator! Both vary nicely with the onboard controls. A check of the meter showed a bit over a quarter watt out.

And there it is. Tonight I'll give it the "on-the-air" test...though I may take a lunch break pretty soon and see what it'll do mid-day!

Steve AA4BW

Date: Fri, 28 Apr 2000 09:24:43 -0400

From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etcasa.cu>
To: <qrp-1@LeHigh.edu>
Subject: [68869] RE: Help with dial cord pse !!! PLUS 6 meter E skip
Message-ID: <001d01bfb115\$2131bac0\$04000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have big trouble here with the dial mechanism of the Ten Tech 540 rig.
I understand it is the same ""system"" used by the very popular QRP
version of this rig- as a matter of fact some people tell me that this is
a Ten Tech QRP with an output module added -... well the fact is
that I am very concerned about this problem , as the dial cord does
not work, and it freezes the dial before the complete frequency
coverage is achieved.
Any help will be really appreciated, especially the "" HOW TO "" take
this apart , as yours truly mechanical abilities are indeed very minimal HI
HI,
and don't want to damage this nice rig which lets me work QRP by just
turning down the drive control and watching the power meter !!!
73 and DX
Arnie
C02KK
P.S> Look for me on 6 meters !!! Band opened 27 April and I worked
several QRP stations on CW... When band opens I go to around 50.097
or to 50.130 , away from the calling frequencies

Date: Thu, 27 Apr 2000 09:01:54 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Radio qrp-1" <qrp-1@Lehigh.EDU>
Subject: [68870] WWII BATFISH op.
Message-ID: <001e01bfb051\$5d8e2720\$486c1ece@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

April 29, 2000 from 14:00 - 21:30. Times are approx.
The ssb operators usually move around some from band to band. Most likely
they will be on 20m. If we get a cw qrp station on the air it will be near
the qrp freq. We will also be looking for the other subs to work...
"USS BATFISH" War Memorial Park (Arkansas River) Muskogee, OK.
Royce ke5tc -- Keota, OK.

NorCal - CQC - FSQRPG - ARRL

Date: Fri, 28 Apr 2000 07:18:58 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: wphinizy@filenet.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68871] Re: Based-Loaded Vertical Theory Questions (semi-long)
Message-ID: <20000428141858.7848.qmail@web3001.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Bill,

Even at resonance your antenna's impedance may only be 20 or 30 Ohms, hence the 2:1 VSWR. Try putting some reactance from your feedpoint to ground. This can usually be in the form of a small inductance. I would maybe try grounding the bottom end of your coil and making an adjustable tap for your feedpoint AND antenna (two taps total).

As mentioned in another post the antenna maybe too long for the bands above 20m. You can use a series capacitor to resonate the antenna on the higher bands but an inductor can work as well. You simply load the antenna to look like a 3/4 wavelength. A common example of this is the typical 2m 5/8 wave antenna. This antenna is physically 5/8 wave long for good gain performance but is typically loaded with a series inductance to resonate it as a 3/4 wave long antenna electrically (one way to look at it). There is usually some inductance to ground to step the impedance to 50 Ohms.

Bottom line is that with your inductor and a couple of taps you should be able to load your antenna on all HF bands with a 1:1 VSWR. It will just take some experimenting.

=====

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@yahoo.com

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Date: Fri, 28 Apr 2000 10:43:54 -0400 (EDT)
From: rxd7@po.cwru.edu (Richard A. Dell)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68872] SMK-1 Soldering Iron
Message-ID: <v02130502b52f1b6dd462@[129.22.116.87]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am going to use a Ornx soldering iron. I have not heard anyone on QRP-L mention this small gem.

Dick Dell

Date: Fri, 28 Apr 2000 10:48:49 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group <NoVaQRP@topica.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [68873] T99W on 28.012.5 calling CQ with no takers!!
Message-ID: <3909A4D1.E3649850@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

T99W was blasting into Northern Virginia on 28.012.5 at 1440Z on 28Apr00 with no takers. Looks like the bands are picking up again -- should be fun tomorrow!!

Jake -- N4UY
Vienna, VA
(Washington DC suburbs)

Date: Fri, 28 Apr 2000 07:49:13 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [68874] Update on SGC SG-237 Post
Message-ID: <20000428144913.6602.qmail@web3002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Several weeks ago I made a couple of posts regarding the new SGC SG-237 SmartTuner that I had purchased. The unit was not working as specified at QRP powers levels. At first I received only canned replies from SGC that disturbed me but shortly after my original complaint on QRP-L I received another message from SGC requesting that I send the unit in to have it checked out.

I sent the unit back to SGC and they promptly determined that I was correct and the unit was defective. They repaired the unit (defective resistor somewhere) and gave me the latest firmware update and returned the unit back to me in a short amount of time. When the unit was repaired they called me at home to inform me of what they had found. I wasn't there but my wife took the call. I received the unit back yesterday and I reinstalled it last night. The unit works very well at QRP levels (<3W) now and remains in tune at all power levels (unlike before).

I must say that I am very impressed with the unit's performance now and with SGC's warranty service. Once I went through all of the bands and let the tuner do its thing (tuning and remembering), now when ever I change bands the retune is near instantaneous and is transparent to my operations. I now have what appears as a very broadband antenna operating from 80m to 6m and it works great.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@yahoo.com

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Date: Fri, 28 Apr 2000 11:07:13 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group <NoVaQRP@topica.com>, QRP-L
<qrp-l@lehigh.edu>
Subject: [68875] HB0/DL2MEH ON 28.016.7 at 1500Z 28Apr00
Message-ID: <3909A921.9B227E00@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked Liechtenstein on 10m -- HB0/DL2MEH on 28.016.7 at 1500Z on
28Apr00.

Jake -- N4UY
Vienna, VA
(Washington DC suburbs)

Date: Fri, 28 Apr 2000 11:10:14 -0400 (EDT)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-l@lehigh.edu
Subject: [68876] QRPTTF by VE3VAW at edge of Lake Ontario, Toronto,
Message-ID: <Pine.OSF.4.05.10004281056310.17593-1000000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have received the dispensation of the Governor of the Household, and am
thereby free to be a QRPTTF player (of course the Honeydo list gets hit
hard tonite and tomorrow a.m. But hey its an easy list this weekend
anyhow.)

I will be in Ashbridges Bay Park at the edge of Lake Ontario, in the
eastern part of Toronto (unless I choose to go to Sunnyside Beach in the
western beaches instead... depends on my mood and trees found).

I am
riding down to the area tonite and look for
trees and the general layout. I am hoping to take the motorcycle to the
location and
if the DC powerpak runs out of juice I can run off of the bike's battery

for a bit still yet.

-Rig will be NorCal Sierra on 20 and/or 40 (should have finished that 15m band module before now...but didn't) at about 2 watts.

-Antenna will be long wire with counterpoise or ladderline-fed dipole, depending on allotment of trees, OR a PW1 portable antenna mounted on the rack at the back of the bike (at least some time on that antenna just to see how it fairs).

I will be at or near lake edge, close enough to qualify but far enough to escape what are still cool lake breezes (which is mostly why I am not going to the Toronto Islands, much are more exposed).

Probably on from 1 or 2

pm local time EDT onward until I chill out baby!

This will be a fairly public area, on purpose, so I hope/expect to get some questions, which is a good thing.

(this weekend is trout opening, but it is predicted to be warmer on Sunday, so I will chase salmonids that day instead...)

Brien Pepperdine

Amateur Radio Station VE3VAW

Toronto, Ontario Canada

ARCI QRP #8773 - NORCAL QRP "ZOMBIE"

Date: Fri Apr 28 11:39:05 2000

From: Shepherd@aol.com

To: <qrp-1@lehigh.edu>

Subject: [68877] FS: MFJ keyer

Message-ID: <200004281539.LAA24958@nss4.cc.lehigh.edu>

Hello all.

I have an MFJ 422B keyer that I want to sell.

This is the model that mounts onto a Bencher paddle.

Unit is works fine, and looks very good.

\$40.00 shipped CONUS.

Email direct if interested.

Thanks,

Dan, N8IE

Date: Fri, 28 Apr 2000 08:49:45 -0700
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [68878] Reminder for the MAY SPARTAN SPRINT
Message-ID: <B52F0126.4A42%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

The May Spartan Sprint will be held on May 1, 2000 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT. In terms of UTC, start at 0100 and finish at 0300.
2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."
5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to www.natworld.com/ars and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at www.natworld.com/ars/ss_log.html.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint). You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us

your log as soon as possible, but in no event later than Wednesday afternoon.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

Date: Fri, 28 Apr 2000 09:13:24 -0700
From: Roger Hightower <n7kt@worldnet.att.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [68879] Another QRZ poll
Message-ID: <3909B8A4.C42611F3@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Check out the poll at <http://www.qrz.com>. This time it's on what to do with the CW sub-bands....let's see how many want to change them.

--

72.....Roger

Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

Date: Fri, 28 Apr 2000 09:21:20 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Cc: mmullins@mastnet.net
Subject: [68880] Dummy load: use of salt solution
Message-ID: <20000428162120.19794.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Mike,

I think that you may be right about that double layer effect. I am working on some equipment that uses electrolytic gas generation for floating and separating "crud" from process water. I use DC, however, and yes, there is that non-linear break as you note. In fact the current is very small (looks like a high resistance) until the applied voltage reaches a level to break water apart (then it rises linearly again with a lower apparent resistance). There are other things like volume fraction of bubbles between the plates, etc. which affect the current but that's another story.

With AC, however, particularly at RF I think that the reversals may be fast enough to eliminate all redox reactions at the electrode surface. That's what the folks who do high-voltage pulsing for food processing claim. If that were the case then the non-linearity would not exist even if the voltage were very high (I believe). However, if there is no redox reaction at the electrode surface (electrons coming out of the electrode or going back in -- this requires something like reduction of water to hydrogen at the cathode and oxidation of water to oxygen at the anode), there is a break in the circuit even though there are ions in solution which can act as charge carriers THERE. Current can still flow but just not into and out of the surface of the electrodes. They would then be just like capacitors. The whole thing would look like a pair of capacitors with a resistor in series between them.

So I guess that you are probably right about this proposed load having some reactance.

Brad

From: Mike Mullins (mmullins@mastnet.net)

Brad,

This is probably not a good idea. For one, it will be non-linear. Above a certain voltage (~2-3 volts) electrolysis will occur, producing chlorine and sodium hydroxide. Some of the chlorine will be reduced back to chloride on the opposite cycle, but some will probably escape. Also, the electrodes

will be more reactive than you might think due to an electric field gradient (called a double layer) between the electrode and the bulk of the solution. There is an analytical technique called cyclic voltammetry in which a solution is subjected to AC voltages to observe oxidation / reduction behavior of various solutes. Usually the frequencies much lower than HF are used, though.

73 de Mike KD5CMN in STX

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 28 Apr 2000 11:27:35 est
From: brian@iquest.net
To: Wayne <walexan@ipa.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Message-ID: <3909bbf7.65d6.0@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Got mine yesterday #277 and I already dropped and lost two of the caps for step one.

Just ordered a new soldering station off Yahoo, I think my soldering iron is too puny or something. 15 watt radio shack special. I did find some .015 silver solder though. So when Jim gets back from vacation I'll ask for some spare parts. I'm surprised at how small that stuff is and at how big and fat my fingers are in comparison.

>Got my kit #342 in the mail today. Time to melt some solder.
>Have fun.
>
>73,
>Wayne
>N=D8EA
>
>
>

Date: Fri, 28 Apr 2000 09:30:38 -0700
From: Bill Jones <kd7s@psnw.com>
To: n7kt@worldnet.att.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68882] Re: Another QRZ poll
Message-ID: <3909BCAE.A1767C18@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'll bet I can guess what the outcome of this poll is going to be ...
and it won't be pretty, either.

Roger Hightower wrote:

>
> Check out the poll at <http://www.qrz.com>. This time it's on what to do
> with the CW sub-bands....let's see how many want to change them.
> --
> 72.....Roger
>
> Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Fri Apr 28 12:34:05 2000
From: Shepherd@aol.com
To: <qrp-1@lehigh.edu>
Subject: [68883] Re: Another QRZ poll
Message-ID: <200004281634.MAA86772@nss4.cc.lehigh.edu>

I placed my vote. Just wish they had a "leave it the hell alone" choice. :-)

In a message dated Fri, 28 Apr 2000 12:32:26 PM Eastern Daylight Time, Bill Jones
<kd7s@psnw.com> writes:

<< I'll bet I can guess what the outcome of this poll is going to be ...
and it won't be pretty, either.

Roger Hightower wrote:

>
> Check out the poll at <http://www.qrz.com>. This time it's on what to do
> with the CW sub-bands....let's see how many want to change them.
> --
> 72.....Roger

>
> Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

>>

Date: Fri, 28 Apr 2000 11:17:50 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <Shepherd@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68884] Re: Another QRZ poll
Message-ID: <00ab01bfb12d\$4f6f4480\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wish that there was another option: Increase the CW portion. I know I'm dreaming though.....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: <Shepherd@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, April 28, 2000 12:34 PM
Subject: Re: Another QRZ poll

> I placed my vote. Just wish they had a "leave it the hell alone" choice.
:-)
>
> In a message dated Fri, 28 Apr 2000 12:32:26 PM Eastern Daylight Time,
Bill Jones <kd7s@psnw.com> writes:

>
> << I'll bet I can guess what the outcome of this poll is going to be ...
> and it won't be pretty, either.

Date: Fri, 28 Apr 2000 12:41:05 -0400
From: "Richard Brummer, K2JQ" <obvious@bestweb.net>
To: <n7kt@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68885] Re: Another QRZ poll
Message-ID: <003801bfb130\$8d770f80\$e003b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Time to stuff the ballot box again ! Leave them alone !

73,
Dick K2JQ

Date: Fri, 28 Apr 2000 12:58:26 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68886] Florida QSO Party THIS WEEKEND
Message-ID: <3909C332.42F0C51D@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Three reasons to get on the radio this weekend:

All of those rare Florida counties will be on the air this weekend!

There is a great plaque for the top QRP score for both non-FL and FL stations!

QRPTTF is only Saturday...and you can only operate for 6 hours!

Rules and additional info:

<http://www.qsl.net/fqp>

FQP: Be There!!

73

Paul AJ4Y

Date: Fri, 28 Apr 2000 10:07:38 -0700
From: "Ward Hill, N1IE" <w_hill@ns.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [68887] QRPTTF Prep
Message-ID: <000801bfb134\$42513fe0\$5c0f9fcf@0zpu5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

I have been getting ready for tomorrow. Listening around the bands. . . .
Are they a bit down or is everyone waiting for tomorrow?

I will be on the Sacramento River looking for you.

72,

Ward Hill, N1IE Extra - High Test
EX WA6FUH
EX China Laker
EX Vandenberg AFB Space Shuttle
Engineer KOVR-TV
www.kovr13.com
K2 S/N 614, Original Knob

Date: Fri, 28 Apr 2000 13:13:26 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: "John J. McDonough" <wb8rcr@arrl.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68888] Re: Sound card help
Message-ID: <Pine.3.89.10004281348.A7616-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Apr 2000, John J. McDonough wrote:

>
> If your interest is primarily amateur radio software, I would strongly
> suggest you get a genuine SoundBlaster 16. While much of the software will
> work with 'Soundblaster Compatible', there is a fair amount that seems to
> insist on genuine Soundblaster, and much of this doesn't work with the newer
I can attest to that. I have at one piece of ham software that works
with my genuine SB card, but does not work in two other computers with
"SB compatible" boards.

73,

Bob Patten, N4BP (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Fri, 28 Apr 2000 13:18:17 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Paul Womble <pwomble1@tampabay.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68889] Re: Florida QSO Party THIS WEEKEND
Message-ID: <Pine.3.89.10004281300.B7616-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Apr 2000, Paul Womble wrote:

>
> Three reasons to get on the radio this weekend:
> All of those rare Florida counties will be on the air this weekend!
> There is a great plaque for the top QRP score for both non-FL and FL
> stations!
> QRPTTF is only Saturday...and you can only operate for 6 hours!
> Rules and additional info:
> <http://www.qsl.net/fqp>
> FQP: Be There!!

>

Hey there Paul, You talked me into it!! After reading your post, I've decided to mobile through twenty one counties between Saturday & Sunday. :-)
I'll likely miss unless I drive through your county, but hope to work many QRP-Lers.

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Fri, 28 Apr 2000 10:16:38 -0700
From: schoon@amgt.com
To: <qrp-1@Lehigh.EDU>, <obvious@bestweb.net>
Subject: [68890] RE: Another QRZ poll
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-000428171638Z-3376@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

A simple perl script could stuff that thing pretty easy!

72

.mark

=====
Mark Schoonover KA6WKE IS Manager
Trail Runner,HAM schoon@amgt.com
ka6wke@wb6dgr.#sca.ca.usa.noam
<http://www.qsl.net/ka6wke> ka6wke-1 145.05
Mobile: 146.52 & 28.470
Lat: 32.85380 Long: -117.00980 Grid: DM12LU
=====

>-----

>From: Richard Brummer, K2JQ[SMTP:obvious@bestweb.net]
>Sent: Friday, April 28, 2000 9:41 AM

>To: Low Power Amateur Radio Discussion
>Subject: Re: Another QRZ poll
>
>Time to stuff the ballot box again ! Leave them alone !
>
>73,
>Dick K2JQ
>
>
>

Date: Fri, 28 Apr 2000 13:44:22 EDT
From: Wb8siw@aol.com
To: obvious@bestweb.net, qrp-1@lehigh.edu
Subject: [68891] Re: Another QRZ poll
Message-ID: <79.35fc97d.263b27f6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I can live with the restructuring, but if this becomes an all SSB hobby, it's time to sell the equipment to the nearest CBer.

73, Jim WB8SIW

Check out the poll at <http://www.qrz.com>. This time it's on what to do with the CW sub-bands....let's see how many want to change them.

--
72.....Roger

Date: Fri, 28 Apr 2000 10:55:37 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [68892] SMK-1: Lost Parts Replacement
Message-ID: <20000428175537.73478.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, we bought extra parts for those of you who had them fly off into the wild blue yonder, dropped them onto a shag rug, had them hop into the never, ever clean area of your bench, you sneezed and blew them into orbit (obiously the power of a human sneeze has enough energy to propel a mass the size of a SMD cap into orbit.) whatever. Here is what we suggest. Finish building the kit. Then, send \$2 plus a list of parts that you need

replaced, and I will bag them, put them in a padded mailer and ship them off to you. I am the one to contact for missing parts, not Jim (besides he is galivanting off in Europe, while I have to go do duty at that bikini populated beach." Paul, do I get 1000 bonus points for submitting a picture of me with a bikini babe?? Anyway, send the list of parts needed, \$2 and a self addressed mailing label to:

Doug Hendricks
SMK-1 Parts
862 Frank Ave.
Dos Palos, CA 93620

72, Doug, KI6DS

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Fri, 28 Apr 2000 13:59:29 -0400
From: "C L Barnett" <KB4CUQ@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [68893] SMK-1
Message-ID: <003901bfb13b\$976308e0\$951f4d0c@worldnet.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Received # 223 in mail today. Will be next week before I can start on it.

Date: Fri, 28 Apr 2000 13:56:29 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [68894] To The Field! / circuits
Message-ID: <v03110700b52f7f48eafb@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

If things work out well, I'll be operating QRPTTF from my bass boat from either Fox Lake or Lake Snowden here in Athens County Ohio. (Southeast section)

Found some misc audio and RF circuit schematics online at:

<http://www.mitedu.freeseve.co.uk/schematics.htm>

73 de NS80

Greg Weinfurtner <><
9411 Kitty Lane
Athens, Ohio 45701 USA

gweinfurt1@ohiou.edu

<http://www.qsl.net/ns80/welcome.html>

Date: Fri, 28 Apr 2000 14:09:02 -0400
From: "Richard Brummer, K2JQ" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68895] Re: SMK-1: Lost Parts Replacement
Message-ID: <008e01bfb13c\$db7698c0\$e003b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I have to go do duty at that bikini populated beach

Poor Doug.....lousy assignment, but somebody's gotta do it !

72/73
Dick K2JQ

Date: Fri, 28 Apr 2000 14:11:03 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: <Wb8siw@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68896] Re: Another QRZ poll

Message-ID: <005a01bfb13d\$1e3870c0\$2e451b3f@win98>

"I can live with the restructuring, but if this becomes an all SSB hobby, it's time to sell the equipment to the nearest CBer. 73, Jim WB8SIW"

Here we go again! Jim, I will apologize at the outset, because I know you will be offended, but I WILL NOT UNDER ANY CIRCUMSTANCES (not "yelling", just emphasizing) bow to the pressures of a small group coming in! I will NOT sell my equipment. I just paid a LOT of money for my setup (Kenwood TS 870S) and I have worked very hard to attain Extra BEFORE the restructuring took effect. And ya know what? I am ENJOYING Amateur Radio more fully than I was a year ago!

And another thing.....I came out of Citizen's Band and worked with groups like REACT. Tell me, exactly what are you trying to prove with that nonsensical babble about selling stuff off to "the nearest CBer". You need to be careful Jim, that statement alone can alienate those who might be willing to learn, if you would only accept them! Furthermore, as a representative of the ARRL-Michigan Section, maybe things like this ought not be said (?)

STOP your whining and Elmer these people, Jim. It's YOUR job AND MINE to continue working to promote Amateur Radio, not lend to its demise. Sitting there sending crap like that is plain counter-productive and if this is the attitude we are going to take, we doggone well deserve to get our bands skewed! Sheeeeeesh!

73,
Erv W8ERV

HamFair2000 is coming.....ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn.
MI QRP Club, M-1688 - FPqrp- 50 - Member ARRL
Rag Chewers' Club - WAC -

Date: Fri, 28 Apr 2000 08:02:38 -0600
From: wb5qyt@eFortress.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68897] Poor Doug!

Message-ID: <390999FE.7E71@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doug,

Heck, thought you would want to try Riley again?!

Guess bikini's and wet sand is better than eatin' dust at Riley(1996
QRPTTF)

Hope the condx are better tomorrow than they are today. Bands are really
bad here. Maybe another solar flare??

72, good luck in the contest....Tom WB5QYT.."Have spud will travel!"

Date: Thu, 27 Apr 2000 20:34:59 -0700
From: Donald I Roher <donroher@juno.com>
To: skousen@srv.net
Cc: qrp-l@Lehigh.EDU
Subject: [68898] Re: Status: Bob WA2HQrp
Message-ID: <20000428.112223.12422.1.DONROHER@juno.com>

Damm ... I am sorry to hear this, I got an e-mail from Him earlier this
week and he thought he was doing ok... I will add an extra prayer....

On Wed, 26 Apr 2000 22:06:23 -0600 Niel Skousen <skousen@srv.net> writes:

>Hi all, I spoke with Bob tonite. He's finally gotten some sort of
>definitive word on what he's struggling with. An MRI found and
>infection in the lower brain / brain stem - He called it Mastoriatitis
>(sp??) and is on antibiotics for it. He was in good spirits, all
>things considered.

>

>He's been really appreciative of the supporting notes and all from
>the list. Thanks everybody from Bob !!

>

>Good luck, all es g'nite

>

>Niel

>--

>------- .- ----... .. .- ----
>Niel Skousen : WA7SSA skousen@srv.net
>Idaho Falls, ID QRP-L.119 fr DN33wm

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Apr 2000 14:19:57 EDT
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [68899] SMK-1 & K2
Message-ID: <ca.3ef4df5.263b304d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Doing the happy/happy dance in the hangar
here at Meadowlark Aerodrome. The SMK-1
kit came in yesterday's mail; the K2 came
in today's mail. Which to build first?

Decisions, decisions....

Don, K5KW

"From Meadowlark Aerodrome on the rippling shores of Lake Eva, in the heart
of the Morris-Boynton metroplex of east central Oklahoma, where every day is
a sunny day".

Date: Thu, 27 Apr 2000 20:29:16 -0700
From: Donald I Roher <donroher@juno.com>
To: jackowiak@kearney.net, qrp-1@Lehigh.EDU
Subject: [68900] Re: Alinco DX-77T QSK?
Message-ID: <20000428.112223.12422.0.DONROHER@juno.com>

Bob, I am glad to see/hear your post... I to concidered the Alinco
before the SG-2020. I thought it to had a lot to offer in a low priced
rig. At the time there was a lot of flap from individuals complaining
about the xmit relay. Having grown up with relays I didn't hear/see a
problem. I still don't hear the relay in the 2020 unless I make an effort
to hear it.

I to used the HW-8 and HW-9 along with the Ten-Tecs, I feel the Alinco
and 2020 make fine off the shelf QRP rigs....

On Wed, 26 Apr 2000 23:00:06 -0500 "Jackowiak" <jackowiak@kearney.net> writes:
>I have used the Alinco DX-77T for over a year now and find it to be an
>excellent rig. Setting the internal power switch and selecting low
>power
>takes you down to around 5 watts out. Yes, the relay noise is
>noticeable.
>Being used to the HW-8, I operate in semi break-in mode. You can
>select
>from Auto break-in, Semi break-in (selectable in 7 steps), and Full
>break-in.
>My one complaint is the extensive use of function keys, for instance,
>to
>change keying speed you need to press the function key, press and hold
>function key again for 1 second then press the Tune key to select the
>speed
>option, then make your change using up/down keys.
>All and all, considering the price for an all mode, all band HF rig I
>am
>very happy with the purchase!
>
>72's Bob, AB0EQ
>

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Juno now offers FREE Internet Access!
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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Apr 2000 14:23:53 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: NOGA QRP Club <nogaqrp@qth.net>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [68901] SMK-1 #73 on the air!
Message-ID: <3909D739.5D852119@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SMK-1 #73 is on the air! Worked AA4DA (in Atlanta!!!) who answered my CQ. OK, so it's a whopping 26 miles per watt!

VERY fun project! Anybody who doesn't think hams can do SMT is nuts! Although, I gotta tell you that those little transistors are something

else! Contrary to other folks, I had no problem with the round diodes. Trick I found was to put a little spot of solder down on one of the pads and roll the diode up next to it. Then heat the spot and the diode rolls right into place.

Made one mod. Was only getting 210mW out at 12.5V, so I dropped the PA emitter resistor to 10 Ohms (replaced the SMT with a 1/8 Watt resistor) upping the output to 320mW at 12.5V. All the way up to 390mW at 13.8V!

Built a PCB case and painted it hot rod red (it is a "Red Hot Radio!"). Now I'm all ready for QRP to the pond (TTF) and the Spartan Sprint on Monday (radio weighs in at 4.5 oz...with lithium batteries, White Rook straight key and bud earphones, comes in at a total of 8.5 ounces!).

Y'all listen up for NQ4RP tomorrow.

Photos:

<http://www.qsl.net/ko4wx/projects/SMK-1/p4280024.jpg>

<http://www.qsl.net/ko4wx/projects/SMK-1/p4280034r.jpg>

<http://www.qsl.net/ko4wx/projects/SMK-1/p4280045r.jpg>

72 de Mike, K04WX

--

Mike Boatright, K04WX
Assistant Section Emergency Coordinator,
GA Section Amateur Radio Emergency Service

A rock pile ceases to be a rock pile the moment a single man
contemplates it, bearing within him the image of a cathedral.
Antoine de Saint-Exupery

Date: Fri, 28 Apr 2000 14:26:13 -0400
From: "John Nally" <nally@talstar.com>
To: <qrp-l@lehigh.edu>
Subject: [68902] Insulated wire for dipole -- bad??
Message-ID: <002101bfb13f\$3d3e1cc0\$73b1fea9@r6g4f3>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have been told that using insulated wire for a dipole, rather than bare wire, is a bad thing to do. Is this true? If so, why? (Reason for asking is that I'm ready to put up my qrp dipole, and have lots of insulated wire but bare wire is hard to locate).

John

Date: Fri, 28 Apr 2000 18:30:57 GMT
From: dtmiller@midiowa.net (Dean T. Miller)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68903] Re: SMK-1 Soldering Iron
Message-ID: <3910d8bb.490925333@mail.midiowa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 28 Apr 2000 10:43:54 -0400 (EDT), rxd7@po.cwru.edu (Richard A. Dell) wrote:

>I am going to use a 0rnx soldering iron. I have not heard anyone on =
QRP-L
>mention this small gem.

I think I mis-sent my last message. :)

I've been looking for a source of these soldering irons. I have one (used to have two, but one got "lost"). I haven't been able to find any reference on the WWW.

-- Dean -- from (almost) Duh Moines (CDP, KB0ZDF)

Date: Fri, 28 Apr 2000 14:36:27 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nally@talstar.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [68904] Re: Insulated wire for dipole -- bad??
Message-ID: <00d201bfb141\$2a402260\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, if you have a wire that could corrode, then insulation is good, it can protect it.

Other than that, some could argue that the insulation could be 'resistive' in nature to RF, and disapeate energy as heat, but I think that's an engineer phantom. It may even exist, but I don't think it would be appreciable.

I'd use the insulation for the life of the wire.

Mike

> I have been told that using insulated wire for a
> dipole, rather than bare wire, is a bad thing to
> do. Is this true? If so, why? (Reason for asking
> is that I'm ready to put up my qrp dipole, and
> have lots of insulated wire but bare wire is hard
> to locate).

>

> John

>

>

>

Date: Fri, 28 Apr 2000 11:35:39 -0700 (PDT)

From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [68905] NQ5RP/MM QRPTTF

Message-ID: <20000428183539.26164.qmail@web701.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Look for the Arkansas QRP club station saturday. The location will be anchored off Slate Gap island, on Beaver Lake, Arkansas.

(Hey, goto my website URL listed below, and see the 1999 Slate Gap island expedition story)

The latest saturday WX forecast looks really good. But chance for storms in the evening. So I'll be getting off the lake an hour early.

Last year I learned a neat trick on 40M radials, when

your near the water. Just toss a radial wire into the water, and thats all! Its too much ground plane for 20M band.

I never was able to make 20M work. Maybe changeing the stinger would have done it. But I just use a single wire. It runs down one side of the boat, and across the bow of the boat. Its roughly level with the antenna base.

The setup will be my Hamsticks for 20/15/10M, K2, and WM-2 wattmeter.

I hope to operate NQ5RP at <1 watt levels, depending on band condx. At least 700mW, maybe 500mW.

I saw the warning about lightning in the last QRP-L digest. Good point. Maybe a small fuse is a good idea, if useing a radial in the water! Hi!

If there is ANY lightning ANYWHERE in the lake area I will QRT and be seeing you'all another time.

And yes, I will be operating under the bikini handicap too, my XYL is comeing along) ;-)

Have fun, and be safe,
Jim KJ5TF/NQ5RP
"All milliwatts, All the time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?

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<http://im.yahoo.com/>

Date: Fri, 28 Apr 2000 14:36:33 -0400
From: Jim Stafford <w4qo@amsat.org>
To: qrp-l@lehigh.edu
Subject: [68906] Re: Insulated wire for dipole -- bad??

Message-ID: <3909DA31.620B99EF@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Somebody should have told my QRP rigs that it's bad. Been using for years - have WAS QRP/etc/etc on wires with insulation.

Answer: No it's not a problem and I think it lasts a lot longer than bare wire.

--
Jim Stafford/W4Q0/President QRP ARCI
The Thrill is Back - QRP Is! 77 -993-95
<http://www.qrparci.org> w4qo@arrl.net
<http://www.qrparci.org/pix/arci050.gif>

Date: Fri, 28 Apr 2000 11:37:27 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [68907] Keyer Question
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FEB2@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7BIT

Can the Whiterook MK-64 iambic mini keyer be used with the SMK-1?

Doug VA7DD

Date: Fri, 28 Apr 2000 11:43:04 -0700 (PDT)
From: Steve Yates <aa5tb@yahoo.com>
To: nally@talstar.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68908] Re: Insulated wire for dipole -- bad??
Message-ID: <20000428184304.18700.qmail@web3005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- John Nall <nally@talstar.com> wrote:
> I have been told that using insulated wire for a
> dipole, rather than bare wire, is a bad thing to
> do.

This is nonsense. The insulation will not effect the performance of a HF dipole in the least bit. It will reduce the velocity factor down by a minute fraction causing a small loading effect. The end result is that the length required for resonance will be slightly shorter then it would be for bare wire. Most hams don't mind needing a shorter antenna ;-)

The insulation will help prevent corrosion of the copper over time. Due to the skin effect corrosion on bare copper wire may actually increases its RF resistance although any deterioration in performance would only be noticeable with antennas that have a very small radiation resistance as is the case with very small antennas.

In general, don't worry about it. I personal prefer to use insulated wire just out of convenience.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@yahoo.com

Do You Yahoo!?
Talk to your friends online and get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Fri, 28 Apr 2000 14:00:41 -0500
From: Jay Freeman <jayFreem@direcpc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68909] QRPTTF
Message-ID: <3909DFD8.5497B37C@direcpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Howdy,

I'll be trying out my new field antenna, a 90' inverted vee fed with Radio Shack lightweight 300 ohm twinlead, suspended on a DK9SQ mast. Rigs will be my DSW-20 and DSW-40 with the ZM-2 tuner. I'm too lazy to head out anywhere, so I'm setting up at the back of my property, on top of a hill that overlooks my pond (which looks more like a puddle, having only received 1/2" of rain in the last two months, but like Nils says, that's another story).

I've got the antenna up, and I'm going to haul my picnic table out there this afternoon and test it out, so say hi if you hear me :).

73,

Jay

--

```
*-----*
* Jay Freeman - WT9S                ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562  *
* SASS #18700                      NRA Life *
*-----*
```

Date: Fri, 28 Apr 2000 12:01:58 -0700 (PDT)
From: Doug Bankston <dougbankston1@yahoo.com>
To: n2zhy@amsat.org, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68910] W4VQS on the Air QRPttf
Message-ID: <20000428190158.27193.qmail@web4301.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The Virginia QRP Society has their new call (W4VQS) and will be on the air for the first time during this weekend's QRPttf FROM 1:00 - around 6:00 pm est...Certificates will be issued commemorating this historic event. All that is required is to send a qsl to VQS. No return postage required. Looking forward to a great qrp weekend..
Doug W4IDW
Virginia QRP Society #001

--- "David Hurley,n2zhy" <n2zhy@amsat.org> wrote:
> QRPToTheField
>
> DIVE! DIVE!
>
> Will be QRV from the museum ship USS Becuna
> (SS-319), a WW2 submarine,
> from the Philadelphia waterfront.
>
> We will be running two stations from the radio room.
> Both cw/qrp from a
> variety of rigs.
> NC40a-40/MFJ-40/SST-20/DSW-20/MFJ-20
>
> If you sign qrp, I'll do my best to pull you out!
> Dressed as sailors,
> we will also be conducting tours of the boat so be
> patient. Drop by if
> you are in the area and spell us for a while. Then
> go see the movie
> U-571 and be very appreciative of those that have
> gone before.
>
> Time: 1400 to 2100utc on Saturday
> Callsign: kc2aio
> Frequencies: 7.043
> 14.043
> 14.060
>
> Submarine Bob, kc2aio
> submarine dave, n2zhy
>

Do You Yahoo!?

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<http://im.yahoo.com/>

Date: Fri, 28 Apr 2000 13:15:44 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [68911] PRELIM QRPTTF PROP/SOLAR
Message-ID: <Pine.SUN.4.10.10004281241240.25221-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Some preliminary information, particularly for those of you on digest mode.

Plotting out the solar flux makes a sine wave, pretty close to a 28-day period. Using data for the past two months, this means the next peak should be occurring today through the weekend.

HOWEVER, the sun remains unusually quiet, and as a result, it appears the solar flux maximum for this current 28-day solar rotation peaked out on April 23-24. The solar flux is now declining again towards it's minimum. So conditions will not be as "hot" as first thought, but the solar flux is still sufficiently high for 10M to be open saturday.

Here's the solar flux and A-index values for the past week or so:

FRI 21APR	SF=187	A-INDEX= 10
SAT 22APR	202	7
SUN 23APR	206*	8
MON 24APR	206*	21 - Minor Geomagnetic Storm from a CME
TUE 25APR	203	6
WED 26APR	190	4
THU 27APR	184	

Friday's RSGA report will be issued later this afternoon. I'll update the above table and post NOAA's official forecast. But it should be fairly obvious the solar flux on QRPTTF saturday will be around 170 and the geomagnetic condition (K and A indexes) will be at QUIET levels.

FRIDAY DISTURBANCE: Some have commented on the lousy bands today (friday). We were hit by a high speed coronal stream this morning that triggered some ACTIVE geomagnetic conditions, driving the K-index to 4 for several hours. That disturbance has about settled out with little likelihood of reoccurring tomorrow.

THE GOOD NEWS: No major solar flare or earth-directed CME occurred yesterday (thursday) to effect us on saturday. The solar flux will be around 170. 10M will be open, but "soft." 20-15M will support good weak-signal skip daylight hours and into evening. 40M will be fairly quiet early evening and on, with the usual solar noise late afternoon. In short, fairly good conditions all around for QRPTTF. And for the most part, even the weather across the country looks pretty good ... well, except for that 120 knot gale and 30 foot swells moving into Sunset Beach, CA. Bad bikini weather - sorry Doug!

72, Paul NA5N

Date: Fri, 28 Apr 2000 15:19:31 EDT
From: Wb8siw@aol.com
To: w8erv@email.msn.com, qrp-1@lehigh.edu
Subject: [68912] Re: Another QRZ poll
Message-ID: <be.3328c10.263b3e43@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Erv:

If our goal is to encourage diversity and growth in the Amateur Radio hobby, then it will be necessary to insure that adequate spectrum is available for new digital modes and experimentation. The use of term "CW sub-bands" is somewhat inaccurate, since these sub-bands may be utilized for any digital mode in addition to radiotelegraphy.

If the CW bands are reduced in size, then there will be decreased incentive for operators to operate and enjoy narrow-bandwidth modes, such as the new PSK-31, Pactor, or perhaps new forms of narrow bandwidth technology (narrow band radiotelephony perhaps?) which may be developed. It is simply my opinion that taking steps that will discourage technical innovation and diversification of the Amateur Radio Service is a mistake. Such steps will work to move Amateur Radio away from being a hobby of technical innovation and public service, and move it toward a place where it is solely "conversational" in nature.

THE ISSUE IS NOT RESTRUCTURING NOR IS IT THE TELEGRAPHY EXAMINATION REQUIREMENT. SSB takes considerably more spectrum than digital modes, it is less efficient, and a strong case may be made that it is of less value than CW. It is certainly incompatible with many of the digital modes due to it's significant spectrum requirements.

I strongly resent your implications regarding my motivations. I feel I have done every bit as much as you, if not more, to enhance and grow the Amateur Radio Service. I have invested countless hours promoting public service and emergency communications. I've driving thousands of miles in the past year to speak to Amateur Radio Clubs, and have served in many leadership positions. I simply want to see Amateur Radio continue to be a hobby where there is room for quality technical innovation; this includes digital modes including CW.

I am entitled to an opinion that forsees a future for a balanced Amateur Radio Service. I simply feel that it would be a mistake to spread SSB throughout the Amateur Spectrum. If you don't agree, fine, but otherwise, if you feel you must attack my character, you can put it where the sun doesn't shine!

Jim Wades, WB8SIW

Date: Fri, 28 Apr 2000 13:14:15 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68913] Re: Geting ready for QRP TTF
Message-ID: <013501bfb146\$ac12bf00\$a9101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

That's not QRP to the field, it's QRO to the field! ;-)

And besides one guys got a microphone!!! Real marines make their own CW key's from old tin cans! ;-) ;-)

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: <RangerSF5@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, April 28, 2000 12:29 AM
Subject: Geting ready for QRP TTF

> http://www.specialoperations.com/USMC/Force_Recon/360.htm

Date: Fri, 28 Apr 2000 14:24:04 est
From: brian@iquest.net
To: Wb8siw@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Message-ID: <3909e554.7010.0@iquest.net>

MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I may be wrong, and I probably am...but I thought CW was good anywhere in the bands?

I talk to Canadian SSB stations in the CW band all the time, of course I'm using CW.

>Erv:

>

>If our goal is to encourage diversity and growth in the Amateur Radio hobby,

>then it will be necessary to insure that adequate spectrum is available for

>new digital modes and experimentation. The use of term "CW sub-bands" is

>somewhat inaccurate, since these sub-bands may be utilized for any digital

>mode in addition to radiotelegraphy.

>

>If the CW bands are reduced in size, then there will be decreased incentive

>for operators to operate and enjoy narrow-bandwidth modes, such as the new

>PSK-31, Pactor, or perhaps new forms of narrow bandwidth technology (narrow

>band radiotelephony perhaps?) which may be developed. It is simply my

>opinion that taking steps that will discourage technical innovation and

>diversification of the Amateur Radio Service is a mistake. Such steps will

>work to move Amateur Radio away from being a hobby of technical innovation

>and public service, and move it toward a place where it is solely

>"conversational" in nature.

>

>THE ISSUE IS NOT RESTRUCTURING NOR IS IT THE TELEGRAPHY EXAMINATION

>REQUIREMENT. SSB takes considerably more spectrum than digital modes, it is

>less efficient, and a strong case may be made that it is of less value than

>CW. It is certainly incompatible with many of the digital modes due to it's

>significant spectrum requirements.

>

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>done every bit as much as you, if not more, to enhance and grow the Amateur
>Radio Service. I have invested countless hours promoting public service and
>emergency communications. I've driving thousands of miles in the past year
>to speak to Amateur Radio Clubs, and have served in many leadership
>positions. I simply want to see Amateur Radio continue to be a hobby where
>there is room for quality technical innovation; this includes digital modes
>including CW.
>
>I am entitled to an opinion that forsees a future for a balanced Amateur
>Radio Service. I simply feel that it would be a mistake to spread SSB
>throughout the Amateur Spectrum. If you don't agree, fine, but otherwise,
if
>you feel you must attack my character, you can put it where the sun doesn't
>shine!
>
>Jim Wades, WB8SIW
>
>
>
>
>

Date: Fri, 28 Apr 2000 15:42:44 -0400
From: Jimbob <kw3u@warwick.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68915] Re: Insulated wire for dipole -- bad??
Message-ID: <3909E9B2.67ECB1A0@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Insulated wire is fine and actually evioromentially better to
boot for numerous reasons.

- I'll only list a couple of my favorites to hold down bandwidth.
1. select the color of ur choice to enhance camouflaughe. i prefer
the gray.
 2. When birds land on it, their feet grasp it firmly, whereas
plain copper wire will quite often cause them to flip upside
down making them look very funny, but this can cause them
mental trauma.

I must leave now, I hear the attendants footsteps coming down
the corridor. 72 Jim

Date: Fri, 28 Apr 2000 14:20:10 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <kw3u@warwick.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68916] Re: Insulated wire for dipole -- bad??
Message-ID: <004d01bfb146\$c83f9360\$04987b7b@dooleydw>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now THAT, I wanna see! Birds hanging upside down from bare wire.

Too bad I'm not leaving my radial wires as uninsulated. Just to see such a
sight.....

Better see if you can get that straightjacket back on <grin>

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: Jimbob <kw3u@warwick.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, April 28, 2000 2:42 PM
Subject: Re: Insulated wire for dipole -- bad??

> 2. When birds land on it, their feet grasp it firmly, whereas
> plain copper wire will quite often cause them to flip upside
> down making them look very funny, but this can cause them
> mental trauma.
> I must leave now, I hear the attendants footsteps coming down
> the corridor. 72 Jim
>
>

Date: Fri, 28 Apr 2000 14:19:52 est
From: brian@iquest.net
To: Paul Womble <pwomble1@tampabay.rr.com>, "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Message-ID: <3909e458.6faf.0@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul....what are the CW freqs...this is from the Rules on the website...I'm not
sure what it means. Does it mean 7035 and 7110 for 40m? What about 10, 15,
and 20m?

I'll be activating Indiana on 40, 20, and 15.

8) Suggested frequencies: CW - plus or minus 35 khz up, and plus or minus 10
khz up for Novices/Technicians. Phone - plus or minus 7.260, 14.260, 21.335,
and 28.485 MHz.

>Three reasons to get on the radio this weekend:
>
>All of those rare Florida counties will be on the air this weekend!
>
>There is a great plaque for the top QRP score for both non-FL and FL
>stations!
>
>QRPTTF is only Saturday...and you can only operate for 6 hours!
>
>Rules and additional info:
>
><http://www.qsl.net/fqp>
>
>FQP: Be There!!
>
>73
>Paul AJ4Y
>
>
>
>
>
>
>

On Fri, 28 Apr 2000, Jimbob wrote:

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

USE IT. Anybody that tells you insulated wire is a bad thing to use

for building Dipoles does not know what they're talking about.

FLAMES INVITED - email direct PLEASE

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: "John Nally" <nally@talstar.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, April 28, 2000 2:26 PM

Subject: Insulated wire for dipole -- bad??

> I have been told that using insulated wire for a
> dipole, rather than bare wire, is a bad thing to
> do. Is this true? If so, why? (Reason for asking
> is that I'm ready to put up my qrp dipole, and
> have lots of insulated wire but bare wire is hard
> to locate).
>
> John
>
>

Date: Fri, 28 Apr 2000 16:12:06 -0400
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <baltimoremd@baltimoremd.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [68920] Re: Insulated wire for dipole -- bad??
Message-ID: <022f01bfb14e\$0bc3a5c0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now wait, I KNOW I've seen birds on the top of the wire.

Oh wait!! That's because there's kids with BB guns!!

Mike

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>

Date: Sat, 29 Apr 2000 16:21:07 -0700
From: Vince Werber <kaliic@ime.net>
To: nally@talstar.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68922] Re: Insulated wire for dipole -- bad??
Message-ID: <390B6E62.6B90@ime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi John;

As far as I know there are no problems with using insulated wire for HF. I use insulated wire both for the antenna and the open wire line.

Insulation may at VHF/UHF cause added capacity making the elements appear to be longer than they are...

Hope this helps

Vince
kaliic
aat1ai
-.-.-

John Nall wrote:

>
> I have been told that using insulated wire for a
> dipole, rather than bare wire, is a bad thing to
> do. Is this true? If so, why? (Reason for asking
> is that I'm ready to put up my qrp dipole, and
> have lots of insulated wire but bare wire is hard
> to locate).
>
> John

Date: Fri, 28 Apr 2000 13:24:43 -0700
From: Jeff Grudin <grudin@vdbbs.com>
To: ki6ds@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68923] QRPTTF 2000
Message-ID: <3909F38B.BE4172E6@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Paul, do I get 1000 bonus points for submitting a picture
> of me with a bikini babe??

Bikini Babes are a dime a dozen in these parts. How about 1000 pts for a picture of you in a bikini? ... 1000 pts for each of us that is Hi Hi.

If you hear me in the morning, I will be operating from my office shack in between patients (yes, sometimes it does pay to be your own boss). In the afternoon I will be joining my friend, KQ6DV, on Seabright Beach to do a little bikini watchin' myself. Seabright Beach is about 10 miles up the coast from where Doug et al will be.

Hope to see you all out there.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Fri, 28 Apr 2000 16:17:27 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: baltimoremd@baltimoremd.com
Cc: qrp-l@Lehigh.EDU, k1qm@world.std.com
Subject: [68924] Re: Insulated wire for birds
Message-ID: <200004282017.QAA06015@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thom,

> Here the birds land upside down on the bottom surface of the wire...it's
> adaptive behavior, they have learned that some hams use insulated, some
> uninsulated wire.

Now wait just one minute....

In North America birds will land right-side-up for QRP stations AND Up-side-down for QRO stations.

Of course, in South America, the reverse is true. (details left to the reader to sort out).

Thinking TTF...

I had snow here on Wednesday, rain today, and the WX is for rain all weekend. My backyard is completely water-logged. Does this qualify my backyard as a "water location" in the TTF?

72's to all, have a great QRP weekend.

--

/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42

Date: Fri, 28 Apr 2000 14:22:49 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: K5KW@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68925] Re: SMK-1 & K2
Message-ID: <Pine.LNX.3.95.1000428142037.24849A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Apr 2000 K5KW@aol.com wrote:

>
> Doing the happy/happy dance in the hangar
> here at Meadowlark Aerodrome. The SMK-1
> kit came in yesterday's mail; the K2 came
> in today's mail. Which to build first?
>
> Decisions, decisions....
>
> Don, K5KW
>
.....gosh Don, I hate to see a fellow qrper under stress.....so, tell ya
what I'm gonna do 'ol buddy.....I'll volunteer to build and test your K2
and that leaves you free to build and test the SMK-1 eh!?!..... ;-) 72 -

Bruce (VE5RC+VE5QRP)

Date: Fri, 28 Apr 2000 13:16:40 -0700
From: schoon@amgt.com
To: <qrp-1@Lehigh.EDU>, <kd7s@psnw.com>
Subject: [68926] RE: I told you so
Message-ID: <c=US%a=_%p=American_Geotech%l=AG-CALCITE-BD-000428201640Z-3394@mail.amgt.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, for my \$.02 that's why I'm glad I love CW. I've tried to spend time in the SSB portion of most bands and just have fits doing so. I don't think there's going to be any change for quite a long time. It may just boil down to one thing - use it or loose it. IIRC, CW is allowed throughout all bands, where SSB is limited. I wonder who would bug each other the most, CW to SSB, or the other way around?? Gee, now where did I put that 250hz filter?? :)

72

.mark

Pending completion of my SW40+!

>-----
>From: Bill Jones[SMTP:kd7s@psnw.com]
>Sent: Friday, April 28, 2000 1:12 PM
>To: Low Power Amateur Radio Discussion
>Subject: I told you so
>
>On December 31, 1999 I sent the following message to qrp-1
>-----
>Friends,
>
>The restructuring debate isn't about who did what to get a license. The
>real issue will be how much longer it will be before "they" demand
>expansion of the phone bands.
>-----
>
>It didn't take "them" long.
>--
>-----
>Bill Jones - KD7S <><

>Sanger, California
><http://www.psnw.com/~kd7s>
>-----
>

Date: Fri, 28 Apr 2000 16:27:57 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: grudin@vdbbs.com
Cc: qrp-1@lehigh.edu
Subject: [68927] Re: QRPTTF 2000
Message-ID: <v03102806b52fa43cafeb@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jeff Grudin, AC6KW, writes;

>Bikini Babes are a dime a dozen in these parts.

Jeff,

I've attached 2 quarters to this email. Please send me 5 dozen bikini babes in time for QRPTTF.

Thanks and 72,

Rick kf4ar

0 quarter
0 nuther quarter

Date: Fri, 28 Apr 2000 15:25:18 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [68928] CW anywhere, anytime.
Message-ID: <0974781F4FC8D211A24600902727E806011B2137@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

Ha1

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

Date: Fri, 28 Apr 2000 16:37:45 -0400 (EDT)
From: "baltimoreemd@baltimoreemd.com" <baltimoreemd@baltimoreemd.com>
To: schoon@amgt.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [68930] RE: I told you so
Message-ID: <Pine.BSI.4.05L.10004281635500.5537-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Apr 2000 schoon@amgt.com wrote:

> I
> don't think there's going to be any change for quite a long time. It may
> just boil down to one thing - use it or loose it.

What a wonderful motivation for beacons, rag chews, DX chasing and code practice (g).

Even antenna tuning !

thom

Date: Fri, 28 Apr 2000 16:47:33 -0400
From: "Richard Brummer, K2JQ" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [68931] Re: CW anywhere, anytime.
Message-ID: <003a01bfb152\$fb15d60\$e003b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>CW is allowed anywhere, anytime.

That's true, but the real issue is EXPANSION of the SSB sub-bands.

If you want an example, visit 7040 (+/-) during Foxhunt season, when the "rest of the world" starts talking on top of the CW signals. Try to copy through all the SSB !

73,
Dick K2JQ
Mahopac, NY

Date: Fri, 28 Apr 2000 16:53:19 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: brian@iquest.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68932] Re: your mail
Message-ID: <Pine.3.89.10004281651.A18294-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Apr 2000 brian@iquest.net wrote:

>
> Paul....what are the CW freqs...this is from the Rules on the website...I'm not
> sure what it means. Does it mean 7035 and 7110 for 40m? What about 10, 15,
> and 20m?

7.035
14.035
21.035
28.035

>
> >
> >FQP: Be There!!
> >
> >73
> >Paul AJ4Y
> >
> >
> >
> >
> >
> >
> >
>

73,

Bob Patten, N4BP , ' ' ' , (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://www.qsl.net/n4bp>
Brass Pounder BBS: (954) 472-7715
SOC #1Whiners #6

Date: Fri, 28 Apr 2000 02:08:49 -0400

From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [68933] A GOAL REALIZED
Message-ID: <20000428.165830.-197075.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all once meaux:

since 1962 I been wanting to work France on 40 meters... I worked a German once... and that's about it... so I listened tonite in the extra portion of the band... There was an ON... so I tuned up a bit and got around 28 and I heard this mobile in France F6IIE/M (now u pass that past ur hearing aid at one in the morning.... about 25 wpm... when u ann't been on the cw for a while....) and ur normal limit is about 20 wpm... but now u be struggling...

This Frenchman was driving a truck and called himself Mau... and he gave me a 589... course I had the k2 up to 8 watts... oh the shame of it.... but I fogot to tune the ant tuner and my swr was a zillion to one... before I returned it...

I got one of them double needle mfj chuners.... man, both them needles flew up to their stops.... looked like a crab when you try to grab him outta the crab net....u kneaux them claws spread and ready to bite....

well anyhow... the other day I turned the forty meter and twenty meter wire yagi towards europe and look what happens... europeans all over my radio... no respect I tell u.... I got a spacing of 23ft between the forty meter elements. that's about .15 wave... the front one (director) may be .2 wave... I don't remember. Them trees tried to harass me the other day... took about 4 hours to turn that thing around...and I was tired... took some cajun figuring to get past them branches with the rope and dowel rods...

my cajun mama came outside and blasted a couple branches with her double barrell shotem gun... guessss she couldn't see me suffering with them branches catching the dowel rods and ropes... U kneaux she cut them branches off right at the tree trunk and not one shotgun pellet hit the tree trunk....she said she could "STILL" NICK A REVENUER'S EAR WITH ONE PELLET IFFIN SHE HAD TO....

guess I better get back to my radio... just had to tell someone... betcha I coulda milliwattted that fella... oh well too late now.... keep ur strt key handy folk

kella joel

in maine

in sneaux, sleet, rain...

PS

JUST LISTENED TO A SSB GERMAN STATION ON 7.060... HE WAS S9 HERE AND TALKING TO A VE...

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Apr 2000 17:01:46 -0400 (EDT)
From: mulveyr@iname.com
To: baltimoremd@baltimoremd.com
Cc: qrp-1@lehigh.edu
Subject: [68934] Re: Great Sidestep from ARRL
Message-ID: <200004282101.RAA28153@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> Amid all the flack about the "hacking" of the ARRL web site, a lot of
> folks communicated with the League about the problem and potential
> solutions.
>
> I was one of them, and suggested that ARRL should consider using a
> password encrypted method to update their DNS records, and perhaps not
> have anyone make updates via the "free email" accounts that are so easily
> hacked.
>
> In fine PR style, the league said in its latest letter:
>
> "Durand said the League has beefed up its level of security at Network
> Solutions to help prevent a recurrence." (of the security breach).
>
> It's a shame that a technical organization doesn't always understand
> technology.
>

No, the problem is that NS is, and has been for quite some time,
one of the most incredibly fouled-up organizations out there.
DNS hijacking are commonplace, because there is absolutely no
consistency in the security that they use. On the one hand,
just about anyone can change *any* organization's DNS records, at
will. Then there are cases where a domain owner has had to wait
literally months for a change to go through.

The ARRL certainly isn't at fault, in this situation, as
anyone who has been a victim of the domain registration
fiasco can attest.

- Rich

Date: Fri, 28 Apr 2000 17:06:04 -0400
From: "John Nally" <nally@talstar.com>
To: <qrp-l@lehigh.edu>
Subject: [68935] egg cartons and insulated wire
Message-ID: <005d01bfb155\$917d2ea0\$73b1fea9@r6g4f3>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK fellow. Got it. You don't need to send me
any more mail -- it has penetrated my thick skull.

Insulated wire is GOOD for dipole antennas.

Styrofoam egg cartons are BAD for building kits.

I'm getting an education on this news group :-)

John

Date: Fri, 28 Apr 2000 17:07:14 -0400 (EDT)
From: mulveyr@iname.com
To: qrp-l@lehigh.edu
Subject: [68936] Re: Another QRZ poll
Message-ID: <200004282107.RAA28207@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> I'll bet I can guess what the outcome of this poll is going to be ...
> and it won't be pretty, either.

Why? What makes CW morally superior to SSB?

Date: Fri, 28 Apr 2000 16:15:05 -0500
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>
To: "'ki6ds@hotmail.com'" <ki6ds@hotmail.com>, "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [68937] Re: SMK-1: Lost Parts Replacement
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA023D8A7A@ucusmail.spectrapoint.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

No, but we'll all give you extra credit for a picture of you in a bikini, or even a speedo.

=====

Brad Bradfield, PE
Test Staff Engineer
SpectraPoint Wireless LLC
(W) 972-852-7101
(Pgr) 972-648-3632

Date: Fri, 28 Apr 2000 17:14:48 -0400
From: Stanley A Mcintosh <mcintos@basf-corp.com>
To: qrp-1@Lehigh.EDU
Subject: [68938] attenuators
Message-ID: <852568CF.0074110C.00@basf-corp-gw01.basf-corp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>What is the common attenuators QRPp ops are using? Is there a design, or
>>perhaps kit, that notices RF and switches the attenuator inline during
>>transmit and out for receive?

This brings up an item that I will hopefully need to solder up in the not too distant future: an outboard T/R switch. I would really appreciate some advice from the gurus that use a rock-controlled TX with a general-coverage RX. For those of you out there that do this, such as the ones prepping for upcoming KnightLite SMiTe foxhunt, what sort of circuitry do you recommend? This goes a little bit beyond the original question, since T/R outboard switching can be more complicated than switching an attenuator in and out of a transmission line.

Does anyone love or hate the QRP diode-TR switch that appears in one of DeMaw's notebooks (can't remember which, right now).

In addition to protecting the RX from TX energy, what do you guys do about audio muting? Will the now classic 2N7000-type audio mute work with output-level audio. This is coming from a BC-348 (not the T0-92 transistor, but a WWII receiver). Even though I'm replacing the receiver's bypass capacitors, I'd rather keep my hacking to only the necessary minimum.

Thanks in advance for the responses, and I'll post the consensus (if any) on what sort of outboard RX/TX mating is recommended.

72
stan

Date: Fri, 28 Apr 2000 17:30:45 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: mulveyr@iname.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [68939] Re: Great Sidestep from ARRL
Message-ID: <Pine.BSI.4.05L.10004281724090.7728-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 28 Apr 2000 mulveyr@iname.com wrote:

> > Amid all the flack about the "hacking" of the ARRL web site, a lot of
> > folks communicated with the League about the problem and potential
> > solutions.

> > In fine PR style, the league said in its latest letter:
> >
> > "Durand said the League has beefed up its level of security at Network
> > Solutions to help prevent a recurrence." (of the security breach).
>

> No, the problem is that NS is, and has been for quite some time,
> one of the most incredibly fouled-up organizations out there.
> DNS hijjacking are commonplace, because there is absolutely no
> consistency in the security that they use.

I would beg to differ. If one uses the PW-CRYPT option, it's not that easy to submit a modification, as without the proper password, the change isn't made.

The next level down in security is the "accept from address" mode, although it's easy to spoof an address...especially when the domain name holder is naive enough to send in updates from the address that's published in the whois database.

IMHO, anyone that owns a domain name and doesn't exercise the highest level of security offered by the system is not only foolish, but also not operating in a very business-like manner.

```
> The ARRL certainly isn't at fault, in this situation, as
> anyone who has been a victim of the domain registration
> fiasco can attest.
```

Well, I suppose, just as no one could blame me if I left my atm card at the machine, along with my pin number. Nope, I didn't do anything wrong...blame the bank.

73

thom

[illegible]

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

Date: Fri, 28 Apr 2000 17:33:04 -0400
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [68940] Re: SMK-1: Lost Parts Replacement
Message-ID: <041301bfb159\$56cdd940\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Uh, I haven't met him or seen him personally, but if he looks ANYTHING like me, I could probably raise money by promising NOT to put up a picture in a bikini or speedos. I know my kids would contribute to my fund.

What fun we have on this list.

Michael - n4NMR

----- Original Message -----

From: Bradfield, Brad V. <BBradfield@spectrapoint.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, April 28, 2000 5:15 PM
Subject: Re: SMK-1: Lost Parts Replacement

>
> No, but we'll all give you extra credit for a picture of you in a bikini,
or
> even a speedo.
>
> =====
>
> Brad Bradfield, PE
> Test Staff Engineer
> SpectraPoint Wireless LLC
> (W) 972-852-7101
> (Pgr) 972-648-3632
>
>

Date: Fri, 28 Apr 2000 17:31:39 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [68941] Re: Insulated wire for dipole -- bad??
Message-ID: <20000428.174158.-197075.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

dEAR JOHN:

WOW always wanted to write a "dear john" letter hee hee
concerning insulated wire.... there is theory... and it is exacting....
and lots of times
does not accurately represent reality.....

This is one of those times...
at hf... u got some wire.... cut it and use it...in reality, it works
just fine...

before anyone argues... u need to explain why my insulated wire/ rope
antennas work so well... and my uninsulated (naked) hee hee wires work
the same...

in theory.... the 2 cycle engine an't supposed to work... them non
working 2 cycle
engines sure powered my ultralight just fine...

If u check this out in pencil u can find a difference in uninsulated wire... if u just use ur insulated wire.. u will not see a difference....don't let theory get in the way of common sense...

ok?

have fun

kella joel

in maine

adding insulation to my house

so it don't radiate... hee hee

On Fri, 28 Apr 2000 14:26:13 -0400 "John Nall" <nally@talstar.com> writes:

> I have been told that using insulated wire for a
> dipole, rather than bare wire, is a bad thing to
> do.

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 28 Apr 2000 15:48:00 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [68942] Re: Another QRZ poll
Message-ID: <390A0710.1FAC474@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just voted and so far the leave it alone vote has it
57% to 30% for reduction to 11% for more sharing.
Holding our own so far.

--

"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Fri, 28 Apr 2000 16:46:16 -0500

From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [68943] Soldering My SMK-1
Message-ID: <000f01bfb15b\$2fa75920\$c8365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have soldered my first SMT component,
which isn't big news because lots of us are doing that.
But, I took pictures of my efforts and put them on
my web page. Please follow the following link.
<http://www.indiana.net/~wd9eyb/smk/>
Now you can all see what a bad job I did and
offer suggestions how I can do better.

Thanks,

Jim, WD9EYB

Date: Fri, 28 Apr 2000 15:57:24 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-l@lehigh.edu
Subject: [68944] Re: CW anywhere, anytime.
Message-ID: <390A0944.2237A054@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not to mention the digital crap, and most insist they
are working Region 1/3 stations which makes it ok -Baloney
Sandwiches!! Just like the SSTV on or about 7028-7032.
And it keeps growing. Not much to look forward to.

--
"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Fri, 28 Apr 2000 14:57:01 -0700

From: "Ward Hill, N1IE" <w_hill@ns.net>
To: <BBradfield@spectrapoint.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [68945] Re: SMK-1: Lost Parts Replacement
Message-ID: <002101bfb15c\$b015f5c0\$450f9fcf@0zpu5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please, NO SPEEDO!!!!

----- Original Message -----

From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, April 28, 2000 2:15 PM
Subject: Re: SMK-1: Lost Parts Replacement

>
> No, but we'll all give you extra credit for a picture of you in a bikini,
> or
> even a speedo.
>
> =====
>
> Brad Bradfield, PE
> Test Staff Engineer
> SpectraPoint Wireless LLC
> (W) 972-852-7101
> (Pgr) 972-648-3632
>
>

Date: Fri, 28 Apr 2000 14:58:08 -0700
From: "Ward Hill, N1IE" <w_hill@ns.net>
To: <af852@rgfn.epcc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [68946] Re: Another QRZ poll
Message-ID: <002b01bfb15c\$d7576600\$450f9fcf@0zpu5>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AS IF the results mean anything.

----- Original Message -----

From: "Ray Colbert" <af852@rgfn.epcc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, April 28, 2000 2:48 PM
Subject: Re: Another QRZ poll

>
> Just voted and so far the leave it alone vote has it
> 57% to 30% for reduction to 11% for more sharing.
> Holding our own so far.
>
> --
> "The more I see of the representatives of the people, the more I
> admire my dogs." letter from Count d'Orsay to John Foster 1850
> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
> MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Fri, 28 Apr 2000 22:34:05 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [68947] 14V from two D cells - SMK-1 PS :-)
Message-ID: <200004282234.RAA03978@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hey Guys and Gals:

Just built up the EPS-1 from Embedded Research that I bought
from Gary when I was out at Pacificon in OCT.
(Flushed from my recent conquering of the world of SM...:-))

You may recall that this device, which has SM parts, takes an
input voltage of 2-16VDC and puts out 12VDC at 500 ma at some
good efficiency around 90% or so....

Well, I built it up and tested it with two Duracell D cells, sure enough,
got 11.89V on the Radio Shack digital meter....

Now the interesting thing is that the main chip, a MAXIM MAX1771CSA
also works in other configurations, and it just seems that Embedded
Research made provisions for the additional 3 components to allow it to
work in a configuration that allows other voltages. Can also make it
variable voltage with a pot at the appropriate spot. Go see the MAXIM

data sheet for all of the gory details....Its in pdf format on their web site...

So, by replacing the 0 ohm(yes ZERO OHM) R3 with a 14k precision,
and adding a 118k R2 precision, and adding a 100pf C6, I get
an output of 13.96VDC with the two D cells in series as the input
voltage. Tried 3 cells and got the same output, as expected....
(MAXIM says that R3 should be in the range 10k to 500k, and
R2 should be calculated from the expression:

$$R2 = R3(\text{desired } V_{out}/V_{REF} - 1)$$

where VREF is 1.5 volts and the desired Vout is whatever you want....
not sure of the limits....again see the data sheet.
Used a C6 of 100pf because that's what it showed in some of their
circuits....probably a way to compute it in the data sheet.)

So now the SMK-1 has a 2 D cell power supply.... :-)

Nothing magic about 2 D cells...just seems to be a good
form factor for the little rig.... :-)

Next step is to put it on the air and make that first QSO..... :-)

Thought youall might be interested...

Larry KA5T
Georgetown, TX

End of QRP-L Digest 1805

